ORDER

AC 4650.21

FAA DEPOT PROVISIONING

INTERIM UPDATE

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DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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FOREWORD

This order outlines procedures for accomplishing the provisioning functions necessary to provide logistics support for new or modified equipment/systems during the initial period of operation after installation and to plan for support for the life cycle of the new acquisition.

The scope of provisioning extends to all equipments destined for an operational environment in the National Airspace System(NAS); however, this order deals specifically with provisioning for nonaircraft equipment/systems.

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CHAPTER 1. AAC-480 PROVISIONING POLICY

1. PURPOSE. This directive describes the provisioning functions required to provide logistics support for new or modified equipment/systems during the initial period of operation. The provisioning function encompasses all phases of activity (planning, procurement and production) leading to the delivery of new items.

2. DISTRIBUTION. This order is distributed to section level in the FAA Logistics Center (AAC-400); concerned personnel; the Systems Development and Analysis Staff (AAC-410); the Data Services Division (AAC-300); the Logistics Section (AAC-961) for information and redistribution; and the Materiel Systems Branch (ALG-220) for information.

3. RESPONSIBILITIES. AAC-480 serves as one of the prime FAA Logistics Center liaisons to the FAA Headquarters program offices providing logistics support of new equipment and/or equipment modifications. AAC-480 is also one of the prime contacts to the FAA Regions for establishing logistics support of regional equipment procurement and/or civil/military equipment acquisitions.

4. POLICY. Agency policy regarding the broad range of activities involved in provisioning is set forth in a number of orders/specifications. In addition to those mentioned in other portions of this order the following are applicable:

a. Order 1800.21, FAA Logistics Center National Airspace Integrated Logistics Support (NAILS); establishes policy and responsibility within the FAA Logistics Center (AAC-400) for implementation of Order 1800.58, National Integrated Logistics Support Policy, and Order 4560.1B, Policies and Procedures Covering the Provisioning Process During the Acquisition of FAA Materiel.

b. Order 1800.58, National Airspace Integrated Logistics Support Policy; establishes FAA policy for NAILS subsystem acquisitions, major modifications, and applicable research and development projects in the National Airspace system (NAS).

c. Order 1800.127, National Airspace Integrated Logistics Support Procedures; establishes Associate Administrator for Development and Logistics (ADL) procedures for NAILS: subsystem acquisition, major modifications, and applicable research and development projects in the NAS.

d. Order 4630.1B, Management of FAA Logistics Center inventories of Operating Materiel; urges consideration of using all methods of initial provisioning and tailoring the specific method used to the specific case in question. Current assets are to be applied in determining quantities to be provisioned.

e. Order 1800.30, Development of Logistic Support for FAA Facilities and Equipment; established the policy that program offices manage their program to ensure coordination with the FAA Logistics Center to provide that:

(1) Logistics support requirements are on time.

(2) Logistics support capability is started when the end item enters the budget process.

(3) When feasible, initial data and other logistics requirements are obtained competitively on the end item contract.

f. Order 4560.1B, Policies and procedures applicable to the provisioning process that shall be followed during the acquisition of FAA materiel, for which the FAA Logistics Center has supply support responsibilities. It outlines implementing procedures that tailor the provisioning process to the complexity of the materiel acquisition, and it identifies the specific agency organizational elements responsible for each implementing action.

g. Order (TBD), Regulations governing the use and application of the Uniform Source Maintenance and Recoverability Codes.

h. Order 6700.12B, Criteria for FAA Assumption of Ownership of Non-Federal Navigational and Air Traffic Control Facilities;

rovides criteria as described in the title of the order.

i. MIL-STD-1561B, Provisioning Procedures, Uniform epartment of Defense; prescribes terms and conditions governing ne provisioning of end items procured by Department of Defense DoD) and the responsibilities of the contractor in the rovisioning of the item which he manufactures and all ppropriate sub-contracted items incorporated within end items of is manufacture. This standard is used in conjunction with MIL-TD-1388-2A, DoD Requirements for a Logistics Support Analysis ecord, which prescribes the format and preparation instructions or uniform DoD Provisioning Technical Documentation (PTD).

j. FAA-G-1375C, Spare Parts-Peculiar for Electronic, lectrical and Mechanical Equipment; establishes the requirements nd procedures for providing spare parts-peculiar to be furnished or the maintenance of electronic, electrical and mechanical quipment covered by an invitation to bid or request for r sal, order or contract to which this specification also pp es; and alerts the contractor to possible incentive rovisions for minimizing parts-peculiar in a contract without egrading functional requirements.

k. MIL-STD-1388-2B, Logistic Support Analysis; This standard provides general requirements and task descriptions governing performance of Logistic Support Analysis (LSA) during the life ycle of systems and equipment.

l. MIL-STD-1388-2B, DoD Requirements for a Logistics Support nalysis Record; prescribes the data elements definitions, data ield lengths, and data entry requirements for logistic support analysis record (LSAR) data.

5. BUDGETING.To accomplish a provisioning effort which will effectively support new and/or modified equipment, it is essential that the cost of logistics support be included in the initial planning for the acquisition.The applicable program office develops budget estimates that should include the estimated cost of all provisioning support items. The inclusion of all support items in the original estimate is a full funding concept. Any subsequent changes to the original budget submission s d be accomplished on the basis of this full funding concept. If quipment requirements change in scope, the provisioning requirements should also change accordingly. Additionally, once he budget estimates, which include all anticipated support lements, are approved, controls should be established to assure the continued availability of those funds for the intended use until that need is satisfied. The following information

identifies the basic funding policies and procedures which relate to the equipment provisioning function.

a. Order 2500.8, Operations VS F&E Funding, describes types of purchases and work which conceivably could be funded under either the operations or the facilities and equipment (F&E) appropriation, and provide guidance for determining which appropriation shall be used to finance expenditures. With respect to the initial provisioning function, this order supports the conclusion that F&E funds can be appropriately used to finance essentially all initial support requirements. Order 2500.8 is available for reference purposes in the Budget Division (AAC-30).

b. Order 2510.5, Fiscal Programming and Reporting Procedures for Facilities and Equipment Appropriations, provides information on budget estimating.

c. Order 2500.24L, Call for Estimates - Facilities and Equipment, provides information regarding budget estimates for facilities and equipment.

6. APPROVED INITIAL PROVISIONING FUNDS.

a. Parts Common. Effective with the approval of FY-77 F&E program funds and each subsequent fiscal year since, the estimated parts common required to support the programs are allocated to the Aeronautical Center for use by the FAA Logistics Center. These are covered by a 5-year fund limitation; this procedure is implemented each fiscal year. This portion of the provisioning funds is essentially controlled by the FAA Logistics Center.

b. Excluding Parts Common. This category of funds is allocated to the various Program Divisions within the Airway Facilities Service to be controlled by the applicable program manager. The amount is a lump sum and as requirements generate for the various NAILS elements such as Logistics Support Analysis, interim contractor support, parts peculiar, drawings, and test equipment, test program sets, funds are obligated for that purpose. This category of initial provisioning funds is controlled by Program Divisions of the Airway Facilities Service.

- 20. RESERVED.

CHAPTER 2 OVERVIEWS OF PROVISIONING

21. GENERAL. This section describes the overall provisioning function from a broad, general standpoint. For specific details regarding the actual provisioning effort, see Chapter 3.

22. RESPONSIBILITIES. Personnel of the Program Office and the FAA Logistics Center have prime responsibility for the initiation and follow up activities involved in regard to acquisition of equipment and provisioning support items. The Logistics Services Group (ALG) provides policy and planning guidance and contracting expertise. Quality Reliability Officers (QRO's) provide in-house monitoring of contractual requirements (including provisioning deliverables) at the contractor's facility. Personnel of the Procurement Division (AAC-70) provide contracting services in acquiring common parts.

23. REQUIREMENTS DETERMINATION. The provisioning objective is to identify specific support requirements and initiate the appropriate action in a timely manner to assure the availability of the items when needed. The specific system maintenance concept as defined in the Maintenance Plan of the Integrated Logistics Support Plan (ILSP) provides the constraint and criteria within which the initial provisioning determinations are made. To provide logistics support capability for new and/or modified equipment, the FAA Logistics Center is generally responsible for the following:

a. Logistic Support Analysis Records (LSAR) To produce (Topdown Breakdown Provisioning Parts List).

b. Spare parts common for FAA Logistics Center stock.

c. Spare part peculiar (as defined by FAA 1375C) for FAA Logistics Center spares.

d. Additional spare parts peculiar for FAA Logistics Center spares.

e. Engineering drawings

f. High demand low dollar value parts for site spares (Fuses, Lamps, etc. on ISSACs).

g. Contractor Repair Service (CRS) options

h. Contractor Depot Logistic Support (CDLS) options.

i. Item identification data.

j. Procurement of schedule "A" items.

k. Test beds.

l. Test program sets (TPS).

24. WARRANTY CONSIDERATIONS. Warranty clauses are occasionally included in National Airspace System (NAS) acquisitions to protect the FAA's interests regarding deficiencies in the system and to provide for economic recovery of invested capital as appropriate. Warranties are no longer routinely included in NAS acquisitions (Refer to order 4450.7A for Details.).

25. Written Guidelines for Determining Requirements.

a. Order 1800.58, National Airspace Integrated Logistics Support Policy. This order establishes FAA policy for the National Airspace Integrated Logistics Support (NAILS) for subsystem acquisition and major modifications. The FAA Logistics Center provisioning representatives are members of the NAILS management teams (NAILSMT) to ensure FAA Logistics Center logistics requirements are included in the acquisition.

b. Order 4560.1B Policies and Procedures covering the Provisioning Process During The Acquisition of FAA Materiel. This order prescribes policies and procedures applicable to the provisioning process that shall be followed during the acquisition of Federal Aviation Administration (FAA) materiel for which the FAA Logistics Center has supply support responsibilities. It outlines implementing procedures that tailor the provisioning process to the complexity of the materiel acquisition and it identifies the specific agency organizational elements responsible for each implementing action. The order focuses policies, procedures, and responsibilities on specific organizations to assure that provisioning planning and coordination of requirements are accomplished prior to solicitation and acquisition.

c. Order AC1800.21, FAA Logistics Center National Airspace Integrated Logistics Support (NAILS). This order establishes policy and responsibility within the FAA Logistics Center (AAC-400) for implementation of order 1800.58 and Order 4560.1B.

d. Specification FAA-G-1375c, Spare Parts Peculiar for Electronic, Electrical and Mechanical Equipment, establishes the requirements and procedures for providing spare parts peculiar to be furnished for the maintenance of electronic, electrical and mechanical equipment covered by an invitation to bid, request for proposal, order, or contract to which this specification also applies.

e. NAILS Primer, an easy to understand ready reference document for the Integrated Logistics Support (ILS) and Logistics Support Analysis (LSA) processes as it is applied to an FAA acquisition.

f. NAILS Personal Computer Programs. An easy to understand generic checklist, guide, plans, and statements of work for developing FAALC LSA requirements.

26. CONVENTIONAL METHODS OF DETERMINING HARDWARE REQUIREMENTS.

a. Site Spare Line Replaceable Units (LRU). In the past, NAS contracts included a requirement for the prime contractor to provide a range of spare LRU's to each site concurrent with delivery of each new end article. Program managers determined the specific items and quantities to be furnished. This contract line item was expressed in various terms such as "10 percent of each module, but not less than 1 and not more than 10 for each site," or "1 of each type of printed circuit board used in the system". This is considered a pre-selection technique since the determination to provide these is usually made prior to contract award. This pre-selection technique is currently being revised to a post selection technique. As a result the program office will use LSA contract deliverables to identify and procure site spares after contract award.

b. Special Tools and Test Equipment. Requirements for identification of these items are included on the LSAR Data Selection Sheet (DD 1949-1), and delivery of the selected items are negotiated per the contract.

c. Spare Parts Provisioning. A contractual clause is normally used and states, in brief, that the Government reserves the right to hold a provisioning conference(s) at the contractor's facility, and that the contractor agrees to furnish appropriate drawings and sample spare parts and assemblies, as required, at prices and terms agreed upon between the contracting officer and the contractor. This requirement is also documented in the Provisioning Requirements Statement(PRS) DD Form 1949-2. An analysis of the provisioning parts list (PPL), drawings, equipment, and discussions held via the provisioning conference

provide the basis for determining requirements for common parts, "additional" parts peculiar, and to a greater extent total FAA Logistics Center requirements. The quantities are determined using the FAA Spares Planning Model 2.1 software. "Additional" parts peculiar are either additional identical FAA-G-1375c spares determined to have a higher usage forecast, or "parts peculiar" which were not originally included in FAA-G-1375c.

27. REQUIREMENTS ACQUISITION. Acquisition of spares and support items results either from decisions made prior to the issuance of the new system solicitation and/or award of a new system contract (pre-selection) or from decisions made after award of the new system contract (post selection). The equipment provisioning "hardware" specification FAA-G-1375c and the "documentation" specification MIL-STD-1388-1A & 2B include preselection acquisition and delivery requirements for many of the support items. Other items such as site spare parts, instruction books, and interim contractor support (ICS) are frequently included as separate line items on the new system contract and delivery of these is included in the delivery schedule of the prime contract.

28. ADVANCE PROCUREMENT PLANNING.

a. Identify the need for a new system. The planning process each year involves a multidisciplined team composed of representatives of most FAA headquarter's organizations who participate in an iterative process of reviewing services, systems, and equipment, and updating specific action plans reflecting senior management policy discussions, goals, and objectives. The results of this process are documented in the Capital Investment Plan (CIP).

b. Develop system specification. The applicable Washington program office is responsible for the development of the system specification. This specification identifies the maintenance concept and plan along with the reliability, maintainability, and availability standards set for the particular system. The system specification is subsequently an attachment to the request for proposal.

c. NAILSMT program management. The NAILSMT program is developed with members from each of the effected branches of the FAA. The NAILSMT's initial action is to draft the Integrated Logistics Support Plan (ILSP), an FAA internal document which defines system procurement, system life cycle, maintenance concept and the organizational responsibilities for the systems logistical support. The ILSP is reviewed by each organization having support responsibilities to ensure their support requirements are included.

d. Statement of work (SOW). The SOW is developed from the ILSP and describes in detail the responsibilities and obligations that the contractor-to-be must execute through out the life of the contract. The SOW is also reviewed by each organization having support responsibilities to ensure their requirements are included. The SOW becomes a part of the request for proposal.

29. REQUEST FOR PROPOSAL (RFP). The RFP is the first step in the contracting process governed by the Federal Acquisition Regulation (FAR), which contains procedures to which the successful government contractor must adhere. The RFP contains the product specification, Statement of Work (SOW), Contract Data Requirements List (CDRL), and data item descriptions (DIDs) that later become a contract. The RFP also contains other data that pertains to how potential contractors must prepare and submit proposals, how proposals will be evaluated, and how the contract will be administered. The FAA Logistics Center reviews the draft of the RFP to ensure that all FAA Logistics Center LSA requirements are accurately included.

30. EVALUATION OF PROPOSALS. The FAA evaluation process is the means by which the competitive range is established and the basis for the subsequent selection of a contractor. Documentation of the evaluation process is critical to successful completion of the acquisition. FAA Logistics Center representatives will normally be a member of the evaluation team to evaluate the logistical portion of all bids.

31. POST-CONTRACT AWARD CONFERENCE. After contract award to the successful bidder, a guidance conference is normally held. The guidance conference includes logistic guidance to the contractor to ensure that they clearly understand the terms and requirements of the contract. This is very important to prevent future delays and/or products of inferior quality due to a misunderstanding.

32. ACQUISITION AND DELIVERY OF DOCUMENTATION. Specific documentation requirements are identified in a separate line item and supported by a contracts data requirements listing (CDRL) in the prime contract. Documentation requirements which are included in most contracts are as follows:

a. Integrated Support Plan (ISP). The total comprehensive plan prepared by the contractor, for management of the ILS program requirements contained in the contract or request for proposal. The ISP is the consolidation of all individual logistics support element plans into an interrelated, interfaced and phased program to provide effective and timely logistics support for a designated system/equipment/subsystem/component. It

is the contractor's version of the government's ILSP and establishes in writing the contractor's understanding of the requirements and procedures to complete the contract.

b. LSAR files/reports. The contractor shall prepare and submit for government approval an LSAR Parts Master File in accordance with DI-ILSS-81173 and appendix A of MIL-STD-1388-2B and DD Form 1949-1 and DD Form 1949-2. The Parts Master File will include all header information. This file will provide the FAA Logistics Center a magnetic tape to produce the provisioning parts list (PPL), numerical parts list (NPL), and repairable items list. The PPL and the NPL should be received, reviewed and approved 18 months prior to delivery of the first production units to allow adequate time for the provisioning conference, procurement, and delivery of common parts to the FAA Logistics Center in order to meet the FAA Logistics Center required support date (DRSD). The parts lists should be developed after the engineering design of the production equipment has essentially been fixed and the Parts Master File has been updated with the necessary changes.

c. Long Leadtime Items Listing. Delivery of this listing should be scheduled to allow for review and initiation of procurement actions for acquisition and delivery of long leadtime items prior to operational use of end articles. The listing may include parts common as well as parts peculiar. The contract schedule should include a delivery requirement for this listing which would allow for sufficient engineering design completion prior to furnishing the list of long leadtime items. This listing would normally be received prior to the provisioning parts list.

d. Engineering Drawing and Master Patterns/Plan View of Parts Layout. These items are required for FAA Logistics Center level maintenance purposes; engineering drawings may also permit follow-on competitive procurement and repair of component parts for life cycle supply support. The inclusion of these items in a specific contract is the decision of the FAA Logistics Center engineers who are ultimately the prime users of the data. The contract should provide a definite delivery schedule for these items. Final drawings are usually received after or concurrent with the last delivery of the end articles.

e. Supplementary Provisioning Technical Documentation (SPTD), is technical data used to describe parts and/or equipment and consists of data such as specifications, standards, drawings, photographs, sketches and descriptions, and the necessary assembly and general arrangement drawings, schematic drawings, schematic diagrams, wiring and cable diagrams, etc., needed to indicate the physical characteristics, location, and function of the item to allow reprocurement or reproduction of end item

assemblies, sub assemblies or piece parts. The content of the SPTD can be tailored through the contract data requirements list (CDRL) and the data item description (DID).

f. Level of Repair Analysis (LORA). Also referred to as the Repair Level Analysis (RLA). A technique which establishes whether an item should be repaired, at what maintenance level - site, intermediate, or depot - the repair should take place, whether an item should be discarded and at what level a discard decision should be made.

g. Design Change Notice (DCN). Any design change that will require revision to the contract specifications or engineering drawings, or documents referenced therein.

h. Other Miscellaneous Documentation. FAA Logistics Center personnel, contracting personnel, and program office personnel have mutual responsibilities to identify requirements for miscellaneous documentation such as installation materiel kit listings, parts peculiar listings (acquired per Specification FAA-G-1375c), and listings of tools and equipments. When required these lists are usually identified as separate line items on a production contract through appropriate references to the SOW, CDRL's, and DID's. The parts peculiar listing is included in Specification FAA-G-1375c, but may also be listed as a separate contractual line item to assure delivery consideration. Delivery requirements for each of the lists should be scheduled in the prime contract and monitored to assure timely receipt of accurate and complete data on each of the required items.

i. Post Production Support Analysis (PPSA). This task requires an analysis of supply support requirements with the objective of identifying parts availability problems that could develop once the production run is over. Where inadequate sources for spares are identified, the task will require alternative solutions to be analyzed along with recommendations as to preferred solutions. This task will usually result in more intensive management of supply-critical items, and may result in modification of the design (through retrofit) to incorporate more readily available items of supply.

33. ACQUISITION AND DELIVERY OF FAA LOGISTICS CENTER PARTS PECULIAR.

a. Parts Peculiar. Specification FAA-G-1375c, when involved in the production contract, requires the contractor to furnish for FAA Logistics Center stock not less than 50 percent of the parts peculiar concurrently with the first end article delivery in which the parts peculiar are used, unless otherwise specified

by the contract. The remaining quantities of spare parts peculiar are to be delivered not later than upon delivery of the first 50 percent of the quantity of end articles in which the spare parts peculiar are used. Current policy requires the prospective contractor to provide a firm fixed price quotation in a contract line item for the lot of parts peculiar to be furnished for FAA Logistics Center stock. This price, added to prices for other items in the solicitation, creates the total price which is a determinant for contract award through competition.

b. Additional parts peculiar. FAA-G-1375c provides for acquisition of additional parts peculiar at negotiated prices at a later date than those required to be delivered per the specification. The additional part peculiar may be additional quantities of those already acquired per FAA-G-1375c or additional line items which were not included originally. Quantities of these additional parts are determined by using the Mean Time Between Failure (MTBF) data applied to the FAA Spares Planning Model. Additional parts peculiar provisioning requirements are purchased via modification to the end article production contract. Action to acquire them is initiated by the AAC-400 provisioner to the program office for preparation of a purchase request and submission to the appropriate procurement office for contract modification. Follow up action on the status of the purchase request and contract modification covering additional parts peculiar is accomplished by personnel of the program office. Delivery schedules for the additional parts peculiar are identified in the contract modification.

34. ACQUISITION AND DELIVERY OF PARTS COMMON. After receipt and review and approval of a provisioning parts list (PPL) and completion of a provisioning conference, the FAA Logistics Center provisioner coordinates the selected items with cataloguing for assignment of national stock numbers (NSN's), and screening for FAA Logistics Center availability of like assets. The provisioner then calculates provisioning quantities using the MTBF data applied to the FAA Spares Planning Model. The resulting net provisioning requirement of common parts is then submitted to the Procurement Division (AAC-70) for purchasing action. Parts common are normally acquired on a competitive basis. Procurement action should be submitted 12 to 18 months prior to the FAA Logistics Center required support date (DRSD) in order to have the parts available for system support. In some cases when parts common are sole source from the system contractor, it may be more expedient to purchase the parts through a modification to the system acquisition contract.

35. ACQUISITION AND DELIVERY OF EQUIPMENT INSTRUCTION BOOKS. A schedule is established for delivery of a manuscript for the

equipment instruction books per the terms of Specification FAA-D-2494 in the production contract. Approval of the manuscript is the responsibility of the Program Office and the acquisition is the responsibility of the program office. Delivery schedules and manuscript content is established through the appropriately tailored CDRL.

36. ACQUISITION OF TOOLS, TEST EQUIPMENT, AND FAA LOGISTIC CENTER SUPPORT SERVICES.

a. Facility Requirements. Requirements for special tools and special test equipment are frequently covered in the basic equipment specification and in the terms of the production contract with delivery scheduled concurrent with end article delivery to operational sites. Common test equipments are acquired by the program office, usually on a competitive basis under separate contract. Consideration is given to providing additional quantities for FAA Logistics Center stock (usually 10 percent of the total quantity). Common tools and test equipment are either acquired locally by regional personnel or through established FAA Logistics Center requisitioning procedures IAW "Schedule A" Order AC 4650.23. The majority of FAA Logistics Center acquired items in this category are obtained from off-the-shelf commercial or General Services Administration (GSA) sources.

b. FAA Logistics Center Requirements for Life Cycle Support. Engineering drawings and other technical documentation required for effective FAA Logistics Center follow-on organic repair support should be identified in the Integrated Logistics Support Plan (ILSP) phase. The requirement for FAA Logistics Center follow on support for other items such as special tools, special test equipment, duplicate equipment for test beds, and software programs should be clearly defined. Recognition of the need for these type items often evolves as the acquisition of the new or modified equipment progresses. Support capability for most new systems can exist at the FAA Logistics Center through the use of "universal" type testers and other available equipment. Action to acquire unique test beds, spare computer equipment and/or spare equipments required for FAA Logistics Center shop support is initiated by FAA Logistics Center engineering. Some of this is acquired through coordination and financing of the program office and other needs are satisfied through FAA Logistics Center budgeting and acquisition efforts.

37. SUPPORT PERIOD COVERED BY PROVISIONING.

a. FAA Logistics Center Supply Support. An estimated 1 year supply of parts common is acquired through the provisioning process. Generally, a forecasted 8 year or life of equipment (whichever is shorter) supply of parts peculiar is acquired. Quantities of parts peculiar are determined through the use of the FAA Spares Planning Model 2.1 software. FAA Logistics Center supply support items to be stocked consist of both expendable and exchange and repair (E&R) items. FAA Logistics Center supply support for the E&R items will require other support items if FAA Logistics Center level organic repair is planned. These other FAA Logistics Center support items include various technical documentation, test equipment, special test programs and special test tools, which are intended to furnish support for the entire life cycle of the new or modified equipment.

b. Depot Level Repair. Depot level organic (in-house) repair may be established concurrent with the first operational site. If such plans exist, the engineer and provisioner must ensure that all resources, training, and repair parts are in place prior to the first operational site. If a commercial repair source is planned, and/or organic repair is to be developed later, then one of the following Depot level repair capabilities must be included as a contract line item in the system acquisition contract and include a supporting statement of work. Options are normally included for up to five years and can be more than five years if a waiver of FPR's are obtained by the program office:

CRS (CONTRACTOR REPAIR SERVICE): This method and term are normally used when the contractor does not have an established customer repair service available and the FAA develops an annual repair contract for E&R items. The CRS may or may not guarantee a minimum annual repair quantity. The FAA field sites deal directly with the FAA Logistics Center and the FAA Logistics Center deals with the contractor through AAC-70 for repair of E&R items. The primary purpose of a CRS is three-fold:

a. It ensures FAA has a repair source and the contractor will maintain repair parts and repair capability to meet requirements, especially if we guarantee minimum annual repair quantities.

b. Reduces procurement acquisition leadtime as it provides a vehicle to get E&R reparable items commercially repaired on a timely basis without negotiation on each separate repair action.

c. It may reduce unit repair costs by guaranteeing annual quantities.

NOTE: The acronym "CRS" has replaced the Annual Repair Contract (ARC) and Dedicated Repair Service (DRS) acronyms.

CMLS (CONTRACTOR MAINTENANCE LOGISTICS SUPPORT): This method and term provides total contractor site maintenance, restoration, repairs, and supply support (issuing, receipting, and repairing LRU's) to a system (or subsystem) by contract throughout its entire life cycle. Both site maintenance and supply support are covered under the same CLIN. Systems under CMLS generally reflect the following characteristics: small population; commercial off-the-shelf (COTS); subject to rapid technical obsolescence; and development of organic maintenance and logistic support is not cost effective and, therefore, not planned. Under CMLS, the FAA Logistics Center is not involved in the supply loop or contract administration. The FAA field sites deal directly with the contractor for all support.

CDLS (CONTRACTOR DEPOT LOGISTIC SUPPORT): This method and term provides contractor supply support (issuing, receipting, and repairing LRU's) throughout the equipment life cycle. FAA technicians provide site maintenance or contractor site maintenance is covered under a separate CLIN. Under CDLS, the FAA field sites deal directly with the FAA Logistics Center and the FAA Logistics Center deals with the contractor for issue of LRU's to the FAA site.

ICRS (INTERIM CONTRACTOR REPAIR SUPPORT): Same as CRS except it is only an "interim" contractor repair source until FAA Logistics Center level organic (in-house) repair support or competitive commercial repair is available.

ICMLS (INTERIM CONTRACTOR MAINTENANCE LOGISTIC SUPPORT): Same as CMLS except it is only an "interim" source until FAA organic (in-house) site maintenance and supply support is available.

ICDLS (INTERIM CONTRACTOR DEPOT LOGISTIC SUPPORT): Same as CDLS except it is only an "interim" source until FAA organic (in-house) supply support is available.

CHAPTERS 38-40 RESERVED

CHAPTER 3 DETAILS OF PROVISIONING

41. GENERAL. This section describes significant events and actions to be taken to effectively accomplish the provisioning function.

42. THE PROVISIONING CYCLE. During the provisioning cycle of a new acquisition, decisions are made regarding the range and the scope of support required for the new or modified equipment.

43. CAPITAL INVESTMENT PLAN (CIP) REPORT. This is the first stage that a new system plan will appear. Each year when the CIP is updated, the provisioning supervisors will review the CIP for any new systems. Once new systems additions are identified, the supervisors will assign the system project to a particular provisioner. The provisioner will obtain all the necessary information (number of systems, program office, implementation schedule, etc.) to establish the new system into the provisioning control data base. The control data base is used for FAALC workload/budget planning and tracking.

44. SYSTEM LEVEL SPECIFICATION (SLS) REVIEW. The SLS is normally the next stage of system project development. The provisioner will be furnished a copy for review and comment. There is a logistic portion in each SLS. The logistic paragraphs should only include standard generic logistic requirements. Detailed logistic requirements will be included in the later developed ILSP and SOW. Appendix 1 is standard logistic paragraphs to be included in the SLS.

45. NATIONAL AIRSPACE INTEGRATED LOGISTIC SUPPORT MANAGEMENT TEAM (NAILSMT). A team formed by the Program Office to manage and coordinate logistic matters pertaining to all phases of the materiel acquisition program. Members represent their organizations. The team is formed to assist the program manager who is the team chairperson. The FAA Logistics Center provisioner is an integral part of the NAILSMT.

46. ESTABLISH PROJECT FOLDERS. One of the keys to successful management of a project by the provisioner is organization of files. Project files are required to be organized in a standard way throughout the section. This allows, not only the provisioner, but the back-up provisioner and/or supervisor immediate and easy access to files when appropriate. Appendix 2 outlines the standardized files to be used.

47. INTEGRATED LOGISTICS SUPPORT PLAN (ILSP). An initial activity of the NAILSMT is to develop the ILSP. The FAA Logistics Center provisioner must include requirements necessary to provide initial and/or life cycle supply support for the system. The draft ILSP will be reviewed by the FAA Logistics Center provisioner prior to finalization. During the review the provisioner ensures that ALL the requirements identified at the initial NAILSMT(s) are included in the ILSP. Appendix 3 is a checklist for use as a reminder that all provisioning requirements are included.

48. MAINTENANCE PLAN. A discussion of the maintenance support required to ensure the continued operational availability of a given system. The plan, which is usually an appendix of the ILSP, includes the varied levels of maintenance within the logistical system supporting the project as well as any specific constraints to be imposed on the maintenance personnel required to support a given system or equipment. Although the maintenance plan is a prerequisite to system/equipment design and development the FAA Logistics Center provisioner is responsible for reviewing the document for the necessary logistical requirements.

49. STATEMENT OF WORK (SOW). The SOW is specific statements to provide insight and clarification of CDRL/DID requirements that help potential bidders understand our requirements. The FAA Logistics Center's logistical requirements are also identified at the earlier NAILSMT(s) for the SOW. As with the ILSP, the draft SOW will also be reviewed by the FAA Logistics Center provisioner for the necessary logistical requirements needed to provide supply support for the system as defined by the maintenance plan. See Appendix 18 for sample SOW's.

49a. PROVISIONING REQUIREMENTS STATEMENT (PRS). Specific provisioning requirements will be stated in a PRS. (See Appendix 4.) The PRS DD Form 1949-2, will be included in the solicitation or contract. MIL-STD-1561B provides instructions for completing the PRS. The PRS in conjunction with the applicable DD Form 1423, Contract Data Requirements List entries will establish schedules, identify actions, and delineate the specific procedural and deliverable data requirements applicable to a particular solicitation or contract. Incorporation of the PRS into the contract after award or revisions to the PRS and DD Form 1423 will require contract modification.

49b. LSAR DATA SELECTION SHEETS. The LSAR data selection sheets (DD Form 1949-1, figure 71 of MIL-STD-1388-2B) provide a vehicle for identifying the required LSAR data elements to be completed, and the media of delivery (e.g., hard copy, punch cards, magnetic tape, etc.). Preparation of the LSAR data selection sheets should be a result of the LSAR tailoring process discussed in

Appendix D of MIL-STD-1388-2B. Part I will be used to identify the specific data elements that are required and identified on data records A through G and J. Part II will be used to identify the specific data elements required and contained on Data Records H and H1. LSAR data is generated as a result of the analysis tasks specified in MIL-STD-1388-1. As such, the LSAR data shall serve as the integrated logistic support technical data base applicable to all materiel acquisition programs to satisfy the support acquisition. The data element definitions, data field lengths, and data formats described in Appendix E of MIL-STD-1388-2B must be adhered to by the contractor in establishing the LSAR data base. The LSAR selection sheets will be attached to the contract statement of work and attached to the contract data requirements list (CDRL) DD Form 1423 for the applicable data item descriptions. Appendix 16 and 19 are samples of the 1949-1 with minimum requirements to produce a hard copy PPL.

50. CONTRACT DATA REQUIREMENTS LIST (CDRL). DD FORM 1423. The CDRL identifies data and information the contractor will be obligated to deliver under contract line item number(s) and contract SOW. The CDRL's are usually developed by the provisioner concurrent with the SOW. Appendix 5 are samples of the various CDRL's normally required by the provisioner.

51. DATA ITEM DESCRIPTION (DID). DD FORM 1644. DID's are used to define and describe the detailed data to be furnished by a CDRL. Appendix 6 are standardized FAA DID's normally required. DID's can be tailored for program peculiar data requirements if needed. If a DID is tailored, the letter "T" should be suffixed to the DID number appearing in block 4 of the CDRL. The specific tailoring to a DID can then be found by referring to back-up sheets as attachments to DID, or, if it is brief, by noting comments in block 16 of the CDRL.

52. PROCUREMENT REQUEST (DOT FORM 4200.1).or REQUEST FOR PROPOSAL (RFP). The Washington program office forwards a PR or RFP to the FAALC for coordination, review, and comment, prior to putting on the street. The provisioner will be provided a copy of the PR/RFP package to review to ensure the necessary FAA requirements (SOW, CDRL's, and DID's) are included for the new system acquisition. This review normally must be completed within 5-10 days to the program office through the FAALC NAS plan coordinator.

53. SOLICITATION. When the draft PR or RFP is formalized and a solicitation issued, a copy of the solicitation should be distributed from the contracting office thru the FAALC NAS coordinator to the provisioner. Another review should be made to ensure none of the provisioning requirements were omitted.

54. EVALUATION OF BIDS. The program office will assemble an evaluation team to evaluate all bids for selection of the lowest priced and best qualified bidder. The provisioner normally serves as a team member to evaluate the logistic portion of the bids. Evaluations are normally held in Washington D.C. and require anywhere from 3-12 weeks to complete, depending on the contract requirements and the number of bidders.

55. AWARD OF CONTRACT. Upon award of contract, a copy of the contract is forwarded to the provisioner. The provisioner verifies that requirements are included in appropriate quantities, delivery dates, etc., and will schedule his/her workload based on expected delivery dates of provisioning parts list (PPL), list of long leadtime items, etc.

56. GENERAL PROVISIONING GUIDANCE CONFERENCE. A post award conference is usually held by the Program Office at the contractor's facility or a government location. Both FAA and the successful bidder's representatives attend the conference. The purpose of the conference is to ensure that the contractor understands the contract requirements and to answer any questions or clarify any issues for the contractor. The provisioner normally conducts a general provisioning guidance conference and holds a more detailed LSA guidance conference at a later date.

57. LOGISTIC SUPPORT ANALYSIS (LSA) GUIDANCE CONFERENCE. The LSA guidance conference involves detailed logistic requirements and is held to ensure that the contractor understands exactly what is required (data, process, product, and schedule). The NAILS personal computer (PC) program provides a checklist of all areas to be covered during the LSA guidance conference.

58. INTEGRATED SUPPORT PLAN (ISP). The ISP is developed and delivered by the contractor as part of Task 102 of MIL-STD-1388-1A as stated in the contract SOW, CDRL, and DID. The ISP is used by the FAA NAILSMT and provisioners to make sure the contractor understands and is developing a creditable LSA program. Page 12 of MIL-STD-1388-1A describes the range and depth of information that the contractor can be asked to furnish as part of the ISP. Final ISP requirements will be included in the appropriate DID.

59. PRELIMINARY DESIGN REVIEW (PDR). The provisioner's contributions during a PDR may include review of long leadtime items, repairable, Tool/Test, and support equipment data. Also analysis of the LSA process, and suggestions to correct any potential logistical support problem. The PDR is normally held at the contractors plant.

60. CRITICAL DESIGN REVIEW (CDR). The provisioners contribution

t the CDR is the same as at the PDR plus review of the parts peculiar lists.

61. RECEIPT OF PROVISIONING PARTS LIST (PPL). The PPL is generated by FAA from a magnetic tape that contains the LSA "Parts Master File." The Parts Master File is developed from MIL-STD-1388-2B, Appendix A, and DI-ILSS-81173, requested by the provisioner, and compiled by the contractor.

The manufacturer that is awarded the contract is required to furnish the Parts Master File to ASM-100, who will run the tape, re-format, and transmit a hard copy PPL to the provisioner.

The provisioner will acknowledge receipt via letter to the FAA Contracting Office, then either accept or reject the PPL after the provisioning conference or within 30 days if no provisioning conference is held. Tentative acceptance of the PPL and scheduling a provisioning conference is based on the provisioner's review primarily to insure that the format meets contract requirements. The provisioner will, during the provisioning conference, insure that the content meets contract requirements and will then send a letter of acceptance (or rejection) to the FAA contracting office.

See Appendix 17 for the PPL review checklist and examples of various questionable items/areas.

See Appendix 15 for samples of letters used to acknowledge receipt and/or accept documentation submitted.

62. PROVISIONING CONFERENCE. Whether to hold a provisioning conference, after tentative acceptance of the PPL, is a judgment decision made by the provisioner. The decision is based on the complexity of the equipment, the quantity/dollar value of the procurement, knowledge of the reliability of the contractor and/or equipment, etc.

Some instances where a provisioning conference may not be held include provisioning for a small simple unit with a small PPL or

a repeat of a previous contract where the information is essentially the same. If a provisioning conference is not required, the same basic steps are taken as if a conference had been held; however, the information is gathered via telephone.

See Appendix 18 for a sample of a standard contract provisioning clause. When a conference is required, the provisioner will proceed as follows:

a. Schedule the Provisioning Conference. The provisioner will coordinate with the contractor, the contracting officer, the program officer, AAC-490, AAC-445, and the FAA QRO to tentatively agree upon a date for the provisioning conference. When the date is established, the provisioner officially notifies the contracting officer by telegram or telephone of the desired date. The contracting officer will then forward a formal notification of the scheduled provisioning conference to the contractor, confirm established date(s) of conference, and advise the provisioner whether the contracting officer will attend the conference. The provisioner will advise all involved offices via FAA Form 2800-1 of the scheduled provisioning conference. The QRO is also invited to attend the conference, usually by telephone.

b. Attend the Provisioning Conference. The provisioner normally will chair the conference, however, opening remarks will be made by the contracting officer, if present. If the contracting officer does not attend the conference, the provisioner will open the conference with a statement which clarifies that the provisioning team's role is specifically to gather information regarding the equipment in order to provide FAA Logistics Center support, and that actions taken at the conference will not be construed as modifying the contract, since that can only be done by the contracting officer. The provisioning conference may last 1 or more days, depending on the size and complexity of the system being procured. The conference will normally include the following actions:

(1) Familiarization with the equipment and manufacturer's capabilities is normally accomplished through a tour of the plant and facilities, and a look at the equipment.

(2) In the conference room, the equipment (complete assembly, subassembly, printed circuit board (PCB's) and/or bits and pieces) and/or drawings, and other assembly items necessary to determine the life cycle support of the system and its components are placed on the table to assist in making decisions as to parts required. At this time, to the extent feasible, all pertinent data will be recorded on the AC Form 4700-60, Reparable Item Information Record, referred to in paragraph 64.

(3) The PPL, drawings, and equipment will be used to review each line items' function, anticipated failure rate, repair capability, etc., to assist in determining requirements. Recommendations will be solicited from all personnel attending the conference as to whether to buy an assembly, subassembly, CCA's and/or piece parts, whether to buy spares, and whether to put items on an ISSAC, etc. Notes will be made on the PPL, including verification and update of SMR codes for each line item, to assist in other decisions to be made after returning to the FAA Logistics Center. Those items identified on the PPL as being parts peculiar will be reviewed to verify that they are peculiar. Those items selected for supply support of the equipment will be underlined in red for screening and identification by cataloging.

(4) If there are any irreconcilable disagreements between the FAA team and the contractor during the provisioning conference, the FAA contracting officer (C.O.) is the only FAA representative who can settle the dispute. If the FAA C.O. is not at the meeting, then the FAA provisioner must provide the problem(s) to the C.O. in writing after the provisioning conference.

c. Prepare Summary of Conference. The provisioner will prepare a trip report and provide a summary of the provisioning conference. As a minimum, this report will state the purpose of the conference, a list of attendees, and a brief summary of the conference including any peculiarities of the equipment or unique problems that may be anticipated, whether the contractor can provide immediate repair if necessary for a failure under warranty, whether the contractor is agreeable to repair if FAA Logistics Center repair is not available at a later date, etc.

63. PPL ACTIONS - PRELIMINARY. The PPL, with notes and annotations made at the provisioning conference, is used to initiate several critical provisioning actions. The provisioner will review each line item on the PPL and make the following decisions, computations, and annotations: (See Appendix 8 for sample of marked-up PPL.)

a. Underline each item in red that has been selected to be stocked and managed by the FAALC.

b. Send the underlined PPL to Cataloging (AAC-490) for assignment of NSN's and screening of FAALC stock for like items. Cataloging provides a routine 60-day turnaround time for their actions.

c. When the PPL is returned from AAC-490, the provisioner will accomplish the following:

(1) Determine the quantity required on each item by using the FAA approved spares quantification model and the MTBF provided by the contractor. If the MTBF is not provided by the contractor or the MTBF does not appear to be valid, see Appendix 9 for instructions on alternative actions. To determine quantity required for items previously in FAALC records, apply the spares quantified and recompute as stated in Appendix 9 Paragraph 4.

In some cases, the contractor has been tasked to quantify spares using an FAA approved spares model. In these cases, the provisioner should randomly select items and quantify spares using the FAA spares model to establish credibility.

(2) Annotate the computed quantity in red on the PPL as shown in Appendix 8.

(3) Compare the computed quantity of each item, if applicable, with like items already in FAALC stock and/or DESC stock (see paragraph 65 for details) and determine if any or all of the computed quantity should be procured. If a change is to be made to the computed quantity, line through the original quantity, annotate the new quantity and a brief explanation for the change.

(4) Figure the dollar value of common items, parts peculiar, and the total dollar value of all items recommended for buy.

(5) Prepare a list of parts peculiar (line items and quantity) and forward it to the program manager with a cover letter asking that the contract be modified to buy the parts. The program manager will in turn notify the contracting officer of parts peculiar requirements. The backup information regarding the number of units, the equipment cost, the cost of parts peculiar and parts common, the total spares cost, and the percentage the spares cost is of the equipment cost. The transmittal of parts peculiar orders to Washington prior to the assignment of NSN's should include a statement indicating that NSN's will be forwarded at a later date for use in marking items being purchased prior to shipment.

(6) Annotate the items to be placed on an ISSAC table and the quantity required.

(7) Identify the total dollars required for the FAA Logistics Center to procure common items and coordinate with the

AAC-485 section manager, in writing, of the contract number and dollars required. If parts common funds are inadequate or not already available at the Aeronautical Center, the provisioner must immediately notify the program office, in writing, to obtain funds or additional funds.

64. AC FORM 4700-60. Five copies of AC Form 4700-60 will be prepared. As indicated in paragraph 62b(2), this form should be completed to the maximum extent practical by the time the provisioning conference is completed. To the extent feasible, the provisioner should initiate action for the section entitled "Provisioner/Contractor Data," and coordinate the form with AAC-445 personnel prior to the conference. Appendix 10 provides guidelines for coordinating the AC Form 4700-60 with AAC-445. A review of each potential E&R item should be accomplished at the contractor's plant. The original and three copies of the form are forwarded to AAC-445; copy 5 should be held in suspense pending return of copies 1 and 2 with the engineering section completed. Paragraph 67a contains further instructions on this item.

65. PPL ACTIONS - FINAL. After completion of cataloging actions, the PPL is returned to AAC-485, accompanied by additional documents generated throughout the cataloging process. These documents and provisioning actions required are discussed below:

a. Documents generated:

(1) Replacement Parts Screening List (RIS: AC 4650-4). Selected items in the PPL will have been mechanically screened by AAC-490 against the Defense Logistics Services Center (DLSC) central files for a match of the part number to a permanent NSN. The results of the DLSC screening are transmitted to the Data Services Division(AAC-300) for comparison with FAA Logistics Center inventory records. This comparison produces the Replacement Parts Screening List (RIS: AC 4650-4) which contains the following information:

(a) For an item that matched to a permanent NSN that is in FAA Logistics Center inventory records, the list will reflect the following information and record history:

1 Where PREFERRED and SECONDARY part numbers and NSN's are listed, AAC-490 will have underlined the PREFERRED part number and NSN.

2 Total FAA Logistics Center assets quantity.

3 Reserve quantity.

4 Due-in acquisition quantity.

5 Due-out quantity.

6 Annual demand quantity.

7 Unit of issue(UI).

8 Unit Price.

9 Quantity Unit Pack Code (QUPC) and Quantity Unit Type Code (QUTC).

10 Months in system (MS).

11 Inventory category/accounting classification code(AC).

(b) For an item that matched to a permanent NSN but the NSN is not in FAA Logistics Center inventory records, the list will reflect the following information:

1 Where PREFERRED and SECONDARY part numbers and NSN's are listed, AAC-490 will have underlined the PREFERRED part number and NSN.

2 The list reflect NO RECORD to indicate the NSN is not in FAA Logistics Center inventory records.

(c) For an item that the part number did not match to a permanent NSN, the list will reflect NEGATIVE REPLY. AAC-490 will have assigned a NSN from DLSC and annotated the list with the NSN assigned.

(2) AAC-490 will enter new expendable items into FAA Logistics Center inventory records. DLA source code information must be obtained by the provisioner thru either coordinating with the cataloger or obtaining an "AD HOC" report from LIS after items have been loaded to record. Documentation to load E&R items will be forwarded to AAC-485, who will coordinate with AAC-484 for loading.

b. Final provisioning actions required:

(1) Annotate items in PPL with NSN's.

(2) Correct part number to PREFERRED part number as applicable.

(3) Correct unit cost as applicable.

(4) For items that are being added to FAA Logistics Center inventory records, annotate the PPL as follows:

(a) For items available as direct ship from Defense Logistics Agency (DLA), annotate the PPL with the appropriate procurement source code. These items will be procured (for direct ship to facilities) only as requisitions are received unless these are repair parts and organic repair is planned. If organic repair is planned, the DLA parts will be requisitioned thru the Milstrip process by the provisioner for FAALC stock in category/account code 2.1.

(b) For items that will require procurement action through AAC-70, annotate the PPL to indicate that a procurement request is to be prepared.

(5) Initiation of procurement actions for common items will be accomplished in accordance with paragraph 68.

(6) Upon completion of use of the PPL in AAC-485, the PPL will be forwarded to the NAS unit (AAC-482B) for use in processing noncataloged requisitions.

66. COORDINATION WITH WASHINGTON. The provisioner will coordinate with the program manager and/or contracting officer as required during the course of the provisioning effort. This coordination includes the following:

a. The provisioner will forward a list of NSN' covering parts peculiar being purchased to the program manager via letter, after receipt of the replacement parts screening list. The list of NSN's will then be furnished to the contracting officer, who will provide the manufacturer with the NSN's for use in marking the parts.

b. The contracting officer will provide the provisioner with copies of contract modifications for parts peculiar items. The modifications will reflect NSN's and will be filed in the contract file.

67. COORDINATION WITH INVENTORY MANAGERS. The provisioner will coordinate with the inventory managers as follows:

a. Engineering Information. When AC Forms 4700-60 are

returned from AAC-440 with the engineering portion completed, the provisioner will discard the suspensed copy and annotate remaining copies with the NSN's. The original copy of AC Form 4700-60 and the corresponding load document will be forwarded by letter to AAC-484 for completion and addition to the inventory record, and for the inventory manager's information file. The provisioner will file copy 2 of AC Form 4700-60 in the contract file.

b. Contract Modifications and Due-in Information. When contract modifications for parts peculiar are received, the provisioner will forward a copy to AAC-484 and/or AAC-486 for the inventory manager's use in establishing a firm due-in. See Appendix 11 for further discussion on establishment of advance due-in and due-in records.

c. Parts Common. Upon completion of procurement requests for parts common, AAC-70 will forward a copy to AAC-486 with a PR number to establish advance due-ins (see paragraph 68 for further information).

d. Equipment Instruction Book Data. The information identified in Appendix 12 regarding equipment instruction book data will be furnished AAC-486 as soon as available, and a copy will be included with each contract completed summary sheet.

e. Firm Due-In. Specification FAA-G-1375c Items. Specification FAA-G-1375c requires the contractor to furnish a spare parts peculiar list at least 30 days prior to the production start date of the equipment components or CDR. Upon receipt of this list, one copy shall be forwarded to AAC-490 for screening. When the screening is completed and the NSN's are annotated on the list, it will then be forwarded to AAC-486 where the firm due-in will be entered into the computer. If E&R items are involved, the list should not be forwarded until the E&R items are loaded to record.

f. Other Coordination.

(1) DLA Items Items qualifying for planned direct shipment from DLA will not be purchased for stock unless organic repair is planned.

(2) Air Force Supplied Items Items recommended for acquisition from the Air Force will be discussed with the applicable inventory management organization for mutual determination of the most appropriate support methodology, i.e., warehouse stock, planned direct shipment, or reference item.

(3) GSA Supplied Items. Items meeting the planned GSA direct shipment criteria will not be purchased for stock without prior coordination with the inventory manager.

(4) Noncataloged Support of New Equipment. Whenever review of regional requests for establishment of logistics support for regionally procured systems leads to the conclusion that the equipments will be supported on a noncatalog as required basis, this information shall be communicated in writing to AAC-482B. This will occur most frequently on small equipment procured by the region in a civil takeover or on a one-of-a-kind acquisition.

68. PROCUREMENT REQUESTS FOR COMMON ITEMS. Upon receipt of the Project Authorization (FAA Form 2510-11) authorizing funds for the purchase of common items, the provisioner will prepare procurement requests as described below. Priority designation on a large percentage of provisioning items will be routine; these items requiring special expediting should be coordinated in person with AAC-70 personnel.

a. Prepare purchase request using the LIS automated procurement system user guide. Common items should be grouped on one P.R. by CAGE. The P.R. is forwarded electronically to AAC-405 for F & E funds certification and if certified returned to the provisioner for approval.

b. After P.R. is approved and a P.R.number is mechanically assigned, print a copy for your files and print a copy for the Unit Clerk to update the unit funds log.

c. Preservation, Packaging, packing and marking requirement (PPP&M). For expendable items the LIS automated procurement system provides a "clause 61," block which establishes PPP&M requirement electronically. If it is an E & R item, you must obtain the PPP&M from AAC-430 and the PPP&M data provided is on a form and cannot be electronically transmitted to AAC-70. When you receive the PPP&M data from AAC-430 you should reference the P.R. number so AAC-70 can match the documents. It is advisable to obtain the PPP & M data for E & R items in advance and have it ready to send concurrent with the electronic transmittal.

d. Procedure for establishment of operating advance Due-In and Due-In and Due-In records. (See Appendix 11)

69. FAA OPTIONAL FORM 347, ORDER FOR SUPPLIES OR SERVICES (SUPPLY CONTRACT). After AAC-70 has awarded the parts common to a contractor , copies of FAA Form 347 (Purchase Order) are forwarded to AAC-486 for updating due-in reccrds from the advance due-in to a firm due-in status. A monthly report from AAC-70 (WANG) and/or a copy of the purchase order will provide Purchase Order/Contract information for the provisioners and provisioning clerk to update their P.R. and funds log.

70. INITIAL SUPPLY SUPPORT ALLOWANCE CHART (ISSAC) ESTABLISHMENT. If the provisioner has determined that an ISSAC is required for the equipment, it will be established in accordance with Order AC 4650.23, Special Subjects. The PPL will be annotated to show which NSN's are being placed on the ISSAC, and the quantities required for each NSN.

71. COMPLETION OF PROVISIONING EFFORT. The provisioner will monitor each contract to insure that modifications are issued for parts peculiar, common items are purchased, and all other required actions have been taken, with the exception that the FAA Logistics Center engineer will monitor the contract to insure that all engineering documentation, i.e.drawings, specified tools and test equipment, software programs, and other FAA Logistics Center support service requirements are met. When the provisioning effort is complete, a contract summary sheet will be prepared; one copy will be placed in the contract file and one copy will be provided to the provisioner's supervisor. See Appendix 13 for an example of information to be included as a minimum for the contract summary.

72. OTHER MISCELLANEOUS.

a. Project Status Sheets (PSS) PSS identifying the system

or equipment being acquired and the current provisioning support posture, including supply support plans, are developed on current provisioning actions and updated approximately each quarter. The objective is to provide FAA Logistics Center management a higher degree of visibility on current and future acquisitions, and to invite their early involvement in the process.

b. Supportability Reviews. Prior to scheduled NAILSMT and Deployment Readiness Review (DRR) meetings, the FAALC NAS Coordinating Branch, AAC-402, will hold supportability reviews to discuss and consolidate any potential problems. The unit supervisor and the provisioner will attend and present/discuss any problems. The FAALC NAS coordinator will consolidate and document all FAALC problems for presentation at the national meeting. The FAALC NAS coordinator may take the lead or assign the lead to one of the Branch representatives.

c. Deployment Readiness Review (DRR). DRR's are scheduled and held by the Program Office periodically throughout the project. The DRR document includes a section for FAALC support readiness for deployment of the initial system. Any issues or problems regarding FAALC support readiness must be made known and documented into the DRR process. The DRR is the final and most important tool that we have to insure that provisioning requirements and data have been included, made available, and completed to have support ready for the initial system deployment.

d. Provisioning Data List. The PDL is a data base for various elements of information regarding each assigned system project. Information is shown such as the provisioner, system name, program office, CIP number, number of systems, E&R LRU's, provisioning conference date, depot support date, etc.. Appendix 14 is a sample of the listing. This listing will eventually be replaced by a central FAALC data base which will include all Branch data besides AAC-480 provisioning. The PDL is used by various offices in FAALC to identify, track, plan, and budget support resources.

STANDARD PARAGRAPHS FOR LOGISTIC PORTION OF EQUIPMENT SPECIFICATIONS

. Documentation. Documentation required in support of the evelopment, production, and operational phases shall be repared in accordance with (IAW) the following applicable tandards:

a. Engineering Drawings IAW DOD-D-1000 and DOD-STD-100. Inspection, Test, and Evaluation Requirements IAW DOD-D-1000.

b. Instruction Books IAW FAA-D_2494.

c. Course Material IAW FAA-STD-028.

d. Spare Parts-Peculiar List IAW FAA-G-1375.

e. Parts Lists for provisioning formatted IAW MIL-STD-1388-2A and documented in an automated media compatible with the FAA LSA automated database.

2. Maintenance. Maintenance planning shall be based on emoval and replacement of faulty Line Replaceable Units LRU's) at the site. Defective LRU's, designated epairable, shall be returned to a depot level maintenance ctivity for repair.

3. Supply. Spare parts shall be identified and acquired to maintain the _____ system. Spare parts are comprised of both parts common and parts-peculiar LRU's and/or repair piece parts. Repairable LRU's shall be identified and spares requirements quantified from data generated by Logistics Support Analysis (LSA) IAW MIL-STD-1388-2A. Spare parts-peculiar shall be identified and acquired IAW FAA Specification FAA-G-1375. Pre-screening for national stock numbers shall be accomplished IAW DOD Manual 4100.38M.

4. Facilities and Facilities Equipment. Requirements for support equipment; test, measurement, and diagnostic equipment; and test program sets shall be identified from data generated by LSA performed IAW MIL-STD-1388-1.

PROVISIONING PROJECT FILES

ıen FAA adopted the National Aerospace Integrated Logistics ıpport (NAILS), the provisioning process changed to include ›re detail in the contract and many additional logistic ›cuments. To continue our growth under NAILS, one more ;ep must be added to the provisioning process. We have ıtlined a method of filing that should be followed by all ;ovisioners to allow access to project files when other ıan the assigned provisioner must deal with a support ;oblem. The filing order and additional information is as ›llows:

ıdividual folders/binders should be prepared with the ›lder/binder number, contract number, acronym, and type of ›cument labeled in the upper left or right corner.

›lders should be prepared as follows:

. Project Information

a. Status sheet
b. History of events
c. Current delivery schedule
d. Points of contact
e. Memo's Letters
f. Documented Supportability Reviews
g. NAILSMT Minutes

. ILSP

a. Tab the following:

1. ILS/Provisioning Paragraphs
2. Maintenance Concept Paragraphs
3. Interim Support Paragraphs
4. PHS&T Paragraphs
5. Warranty Paragraphs
6. Reviews and Comments

'3A. Contract (line items only)

a. Include a cover sheet with information as follows:

1. 1st system delivery CLIN
2. ILS CLIN
3. Spare Parts Peculiar CLIN
4. Additional Spare Parts Peculiar CLIN
5. Any other CLIN calling for logistics

eliveries

b. Tab the following:

1. Contract cover page
2. CLINs pertaining to logistics, provisioning
3. Delivery Schedule
4. Specific FAA Depot Deliveries such as spares
5. Section H (special contract clauses)
6. PHS&T

*3B. Contract (SOW only)

a. Tab the following:

1. ILS/Provisioning Paragraphs
2. Maintenance Paragraphs
3. Interim Support Paragraphs
4. PHS&T paragraphs
5. 1949-1&2
6. Warranty Paragraphs

*3C. Contract (CDRL's and DID's only)

a. Tab the following for CDRL's:

1. ILS CDRL's
2. Engineering Drawings CDRL
3. SPTD CDRL

b. Tab the following for DID's:

1. ILS DID's
2. Drawings
3. SPTD

4. Specification

5. Maintenance Plan/PIP/DRR

6. CDRL's(delivered under the term of the contract) such as Long Lead Items List, ISP, LSA Candidate List, etc.

7. QRO reports

8. Parts common Pr/PO's, Parts Peculiar List, E&R Criteria Sheets

CONTRACT FOLDER #3:
*Note: One, two, or three folders/binders may be used, depending on the size of the contract document. If combined into one folder, label folder as "3ABC".

PROVISIONING REQUIREMENTS CHECKLIST
(FOR USE AT NAILSMT AND REVIEWING DOCUMENTATION)

NERAL:

ACQUISITION MUST BE ACCOMPLISHED UNDER THE NAILS PROCESS (ORDER 1800.58) IF THE DEPOT IS TO SUPPORT, WHICH INCLUDES MIL-STD'S 1561B, 1388-1A, AND 1388-2B.

MUST KNOW IF EQUIPMENT WILL BE COTS OR DEVELOPMENTAL OR BOTH.

MUST KNOW FIELD MAINTENANCE CONCEPT (GET FROM PROGRAM OFFICE).

MUST KNOW EQUIPMENT LIFE CYCLE (YEARS).

MUST KNOW FAALC LEVEL REPAIR SOURCE PLANS AND SCHEDULE (GET FROM AAC-400).

JNDING:

UST KNOW PROGRAM OFFICE FUNDING POSITION FOR PARTS ECULIAR AND ICS (GET FROM PROGRAM OFFICE).

MUST KNOW AVAILABILITY OF PARTS COMMON FUNDS

LSP:

IF YOU ARE DEVELOPING OR REVIEWING THE INITIAL ILSP, USE THE ENTIRE CHECKLIST AS A REMINDER TO ENSURE THAT WORDS ARE IN THE ILSP TO SUFFICIENTLY CONVEY DEPOT REQUIREMENTS INTO THE P.R./RFP. MAKE SURE THAT THE FOUR FOLLOWING REQUIREMENTS ARE IDENTIFIED IN THE ILSP.

[ ] LSA/LSAR IAW MIL-STD'S-1516B, 1388-1A, AND 1388-2B
[ ] SPECIFIC LSA MIL-STD-1388-1A TASKS (102.2.1, ETC)
[ ] PARTS PECULIAR
[ ] INTERIM CONTRACTOR REPAIR SUPPORT (ICS) OPTION.
[ ] MILESTONE SCHEDULE (SEE FIGURE 1)

:LINS (FOR RFP):

CLIN FOR LSA/LSAR DATA

CLIN FOR PTD:

[ ] DESIGN CHANGE NOTICES
[ ] LONG LEAD TIME LIST

CLIN FOR SPTD

CLIN FOR PARTS PECULIAR IAW FAA-G-1375C

CLIN FOR THE CONTRACTOR TO PRICE ANY GENERAL CONFERENCES ON AN INDIVIDUAL BASIS.

] OPTION CLIN FOR "ADDITIONAL" PARTS PECULIAR IAW FAA-G-1375C.

] OPTION CLIN FOR SPARE PARTS COMMON (IF COTS).

] OPTION CLIN FOR THREE YEARS OF INTERIM CONTRACTOR REPAIR SUPPORT (ICS).

TATEMENTS OF WORK (SOW), PARAGRAPHS TO SUPPORT THE ABOVE LIN:

] INTEGRATED SUPPORT PLAN (ISP) IAW 1388-1A TASK 102.2.1 AND 102.2.2.

] LOGISTIC SUPPORT ANALYSIS PLAN (LSAP) PART OF ISP.

] LSA/LSAR REVIEWS 1388.1A TASK 103.2.4

] REPAIR LEVEL ANALYSIS (RLA) 1388-1A TASK 303.2.7.

LSAR: PARTS MASTER FILE (PROVISIONING PARTS LIST) IAW 1388-1A TASK 401.2.8., APPENDIX "C" OF 1388-2B, DD FORM 1949-1, AND DD FORM 1949-2 ADDENDUM.

[ ] MTFB FOR LRU'S

[ ] LSAR OUTPUT SUMMARIES, 1388-1A TASK 401.2.10

[ ] LSAR OR PPL UPDATES, 1388-1A TASK 401.2.11

[ ] POST PRODUCTION SUPPORT ANALYSIS, 1388-1A TASK 403.2.

[ ] CONTRACTOR ILS LIAISON REP

[ ] JOINT GOVERNMENT/CONTRACTOR NAILSMT

[ ] LSA CONTROL NUMBER (LCN) DOWN TO PIECE PART (IF DEVELOPMENTAL)

[ ] LSAR DATA REVIEW

[ ] PTD (DCN AND LLTIL).

[ ] SPTD

[ ] SPARE PARTS PECULIAR IAW FAA-G-1375C, PARAGRAPH 4.2.

] SPARE PARTS PECULIAR LIST IAW FAA-G-1375C, PARAGRAPH 4.3.

[ ] ADDITIONAL SPARE PARTS PECULIAR IAW FAA-G-1375C,

ARAGRAPH 4.2.

] SPARE PARTS COMMON (IF COTS)

] ICRS (SEPARATE ATTACHMENT FOR DETAILS MUST BE USED).

)RLS TO SUPPORT ABOVE SOW'S:

] ISP (INCLUDES LSAP)

] RLA

] PARTS MASTER FILE (will provide data on magnetic tape to produce various lists, i.e. parts peculiar list, LLTIL, PPL, NPL, RIL, TTEL, SEL, CBIL. ISIL, PCL)

] POST PRODUCTION SUPPORT ANALYSIS

] PTD (DCN)

] SPTD

D FORMS 1949-1 AND 2:

] PROVISIONING REQUIREMENTS STATEMENT (DD FORM 1949-2) WITH ADDENDUM ITEMS.

] LSAR DATA SELECTION SHEET (DD 1949-1)

)IDS TO SUPPORT ABOVE CDRL'S:

DID NAME	NUMBER
] (TO BE DEVELOPED)	(TO BE DEVELOPED)

Suggested PTD Milestone Schedule

1. Provisioning Guidance Conference - 30 days after contract award.

2. Integrated Support Plan (If applicable) - 60 days after contract award.

3. Parts Peculiar List and/or Long Lead Time List - 30 calendar days prior to production start date of the equipment parts or 30 calendar days prior to CDR whichever is the earliest.

4. LSA Candidate List (If Applicable), Interim Support Items List (If Applicable), Support Equipment List, and Tools and Test Equipment List, - 30 days after CDR.

5. Repair Level Analysis Report - 30 days after CDR.

6. Provisioning Parts List (Hard Copy or Mag Tape as Applicable) - 60 days after CDR.

Provisioning Conference - 30 days after receipt of ceptable PPL and at least 12 months prior to first equipment ORD.

8. ICRS Option (If Applicable) - Exercise option at least 6 months prior to first ORD.

9. Post Conference List - 30 days after provisioning conference.

NOTE: This schedule is only a suggested guideline. You may need more than 12 months between provisioning conference and 1st equipment ORD and other dates may have to be altered depending on special circumstances of each project. However, always take as much leadtime as you can get and if the program office does not give you sufficient time to do your provisioning job, advise the program office in writing of the specific problems and the risk of untimely support if milestone dates are not revised.

Appendix 4 A

PROVISIONING REQUIREMENTS STATEMENT
UNDER MIL-STD-1388-2A

IPMENT NOMENCLATURE

EL/TYPE NUMBER

TRACT AND ITEM NUMBER | DATE (YYMMDD)

MIPR NUMBER | DATE (YYMMDD)

ICITATION NUMBER | DATE (YYMMDD)

VISIONING ACTIVITY (Address and Zip Code) | CONTRACTOR NAME & ADDRESS

This Provisioning Requirements Statement (PRS) is furnished in accordance with MIL-STD-1561B. Deliverable Provisioning Technical Documentation (PTD) and Supplementary Provisioning Technical (SPTD) Requirements will be specified on DD Form 1423. Contract Data Requirements List.

When the PRS is furnished after contract award the Contractor shall submit a priced proposal within 30 days after receipt of this PRS. This PRS may be modified or changed by a supplemental agreement to the contract.

A Statement of Prior Submission (SPS) submitted in accordance with paragraph 5.4 MIL-STD-1561B may result in reduction or elimination of PTD and SPTD requirements specified on DD Form 1423 and conference requirements of this PRS.

PROVISIONING REQUIREMENTS

CE CONFERENCE - (Check one) [X] IS REQUIRED [ ] IS NOT REQUIRED IF REQUIRED THE CONFERENCE WILL BE HELD AT (Paragraph 5.1.11)

PLACE
At Contractor's Facility

B. DATE (YYMMDD)
30 days after award

. TIME
0800 to 1600

D. ESTIMATED NUMBER OF DAYS
three (3)

. PROVISIONING CONFERENCE (Check one) [X] IS REQUIRED [ ] IS NOT REQUIRED IF REQUIRED THE CONFERENCE WILL BE HELD AT (Paragraph 5.1.4)

. PLACE
REFER TO ITEM # 19

B. DATE (YYMMDD)
REFER TO ITEM # 19

. TIME
REFER TO ITEM # 19

D. ESTIMATED NUMBER OF DAYS
REFER TO ITEM # 19

. THE CONTRACTOR - (Check one) [X] IS REQUIRED [ ] IS NOT REQUIRED. TO HAVE A SAMPLE ARTICLE OF THE COMPONENT/END ITEM AT THE CONFERENCE (Paragraph 5.1.4.a)

SAMPLE ARTICLE - (Check one) [X] WILL BE VIEWED [I] WILL BE DISASSEMBLED AT CONFERENCE

3. PROVISIONING PREPAREDNESS REVIEW CONFERENCE- (Check one).
[ ] IS REQUIRED [X] IS NOT REQUIRED (Paragraph 5.1.2)

4. LONG LEADTIME ITEMS PROVISIONING CONFERENCE - (Check one)
[X] IS REQUIRED [ ] IS NOT REQUIRED (Paragraph 5.1.3).

5. INTERIM SUPPORT ITEMS CONFERENCE - (Check one)
[ ] IS REQUIRED [X] IS NOT REQUIRED (Paragraph 5.1.5).

6. MANUFACTURERS OR COMMERCIAL MANUALS - (Check one)
[X] ARE REQUIRED [ ] ARE NOT REQUIRED (Paragraph 5.3.15).

7. MENTAL SUBMISSION OF PTD (Check one)
[X] IS AUTHORIZED [ ] IS NOT AUTHORIZED (Paragraph 5.5)

8. PROVISIONING SCREENING - (Check one)
[X] IS REQUIRED [ ] IS NOT REQUIRED

RESULTS (Check one)
[X] ARE REQUIRED [ ] ARE NOT REQUIRED TO BE ENTERED ON THE PL (Paragraph 5.6).

9. DELIVERY FOR SUPPORT ITEMS WILL BE (Check one)

ESIDENT PROVISIONING TEAM (RPT) - (Check one)
( ) WILL BE ESTABLISHED [X] WILL NOT BE ESTABLISHED (Paragraph 5.2.1).

INTERIM RELEASE - (Check one)
[redacted] IS AUTHORIZED [ ] IS NOT AUTHORIZED (Paragraph 5.7.5) NOT APPLICABLE

P[redacted]ECIFICATIONS, DRAWINGS, WILL BE FURNISHED ON
[ ] MICROFILM [X] HARD COPY [ ] APERTURE CARDS (Paragraph 5.3.13.2)

PTD WILL BE SEQUENCED BY - (Check one) [X] PLISN [X] REFERENCE NUMBER (TWO SEQUENCES)
[ ] REFERENCE DESIGNATION [ ] OTHER

THE INITIAL PIO WILL BE SUBMITTED WITHIN DAYS AFTER APPROVAL OF PTD/SPTD OR WITHIN DAYS AFTER COMPLETION OF PROVISIONING CONFERENCE OR WITHIN IIII DAYS AFTER ACCEPTANCE OF THE PCL (Paragraph 5.7.1). NOT APPLICABLE

TOOLS AND TEST EQUIPMENT - (Check one)
[X] WILL BE [ ] WILL NOT BE INCLUDED IN PPL (Paragraph 5.3.1).

PPS - (Check one) [ ] IS [X] IS NOT REQUIRED (Paragraph 4.2). NOT APPLICABLE

REPAIR KITS AND REPAIR PART SETS - (Check one)
[X] WILL BE [ ] WILL NOT BE INCLUDED IN THE PPL (Paragraph 5.3.1).

COMMON AND BULK ITEMS LIST - (Check one)
[ ] OPTION 1 [ ] OPTION 2
[ ] OPTION 3 [X] OPTION 4 (Paragraph 5.3.3).

AGENCY ADDENDUM AS FOLLOWS

Reference Item # 2
2A, 2C, 2D: SHALL BE DETERMINED BY THE GOV'T AT THE PROVISIONING GUIDANCE CONFERENCE.
2B: CONFERENCE DATE WILL BE WITHIN SIXTY (60) DAYS AFTER GOV'T APPROVAL OF THE PARTS MASTER FILE.
Reference 04, of the DD Form 1949-2.

When applicable the date and requirements for conduct of this conference will be established at the Provisioning Guidance C[redacted]nce.

All Supplementary Provisioning Technical Documentation, Drawings and Specifications Shall be IAW DI-A-7000A/T.

ECIFIC CONTRACTOR REQUIREMENTS

The contractor shall assign Source, Maintenance and Recoverability Codes in accordance with the attached documents.

Acceptance of all Provisioning Technical Documentation shallbe predicated upon the technical accuracy, completeness and compatibility for processing by the FAA/MRSA compatible ADP System.

The contractor shall furnish the following information with the delivery of each magnetic tape:

1. Total number of A LSAR Sheets contained on the tape.

2. Master files contained on the tape and their sequence (i.e., 015/060/061)

3. The LCN Structure.

4. The approximate number of LCNs contained on the tape.

[redacted]rson to contact.

). Subaission of spare part-peculiar DATA. Unless otherwise specified in the contract, the spare part-peculiar DATA. shall be subaitted to the FAA in acceptable ADP format at least 30 calendar days prior to the production

LSAR Data Entry Requirements.

1. Reference MIL-STD-1388-2A Data Element Definition 005, Acquisition Method Suffix Code (AMSC).

The contractor shall identify all items containing proprietary data in this block by entering a P.

2. All part-peculiar spares shall be identified by placing a Y in the H01 Card Block 10 position 03 of the H LSA Record (Provisioning Technical Documentation Selection Code (DED 346). In addition an Item Category Code of I shall be assigned to these items.

3. Maintenance Replacement Rate (LRU Failure Rate).

IAW, DED 206, Option 2, the contractor shall provide in the H11 Card, Block 9, the maintenance replacement rate for each LRU in the system based on one system LRU operating 365 days a year, 24 hours a day. Example: The recorded maintenance replacement data shall reflect 00010000 for a LRU that is replaced once a year, or 00005000 for a LRU that is replaced once every two years.

4. Common and Bulk Items (CBI).

All CBI's (IAW Option 4, Paragraph 5.3.3 of MIL-STD-1561B) shall be identified by placing a "Y" only in the H01 card, Block 10, position 4 of the H LSA record (Provisioning Technical Documentation Selection Code (DED 346). Do not place a "Y" in position 2 as the CBI's are not required to be on the PPL. In addition an Item Category Code of "Q" shall be assigned to these items in the H11 Card Block 6 (DED 175).

5. Item Category Code (ICC).

The order of precedence for the following ICC codes shall be:

W (End Item/System)
I (Parts Peculiar)
X (Spare Repairable Item)
Y (Repair Part)
Q (Bulk Item)
O (Attaching Hardware)
K (Electrostatic Discharge Sensitive Item)

. LORA and spares quantification shall be accomplished ;ing either the available Government programs or a ɔntractor recommended and Government approved program. ıless otherwise stipulated the initial quantification shall e based on a 1 (one) year time period and a minimum ıantity of two (2) each as an insurance spare. The ɔvernment shall provide variables for both the LORA and paring Models.

D FORM 1949-2

PROVISIONING REQUIREMENTS STATEMENT

EQUIPMENT NOMENCLATURE	
MODEL/TYPE NUMBER	
CONTRACT AND ITEM NUMBER	DATE (YYMMDD)
PR/MIPR NUMBER	DATE (YYMMDD)
SOLICITATION NUMBER	DATE (YYMMDD)
PROVISIONING ACTIVITY (Address and Zip Code) FAA Logistics center - AAC-485A P.O. Box 25082 Oklahoma City, Oklahoma 73125	CONTRATOR NAME AND ADDRESS:

A. This Provisioning Requirements Statement (PRS) is furnished in accordance with MIL-STD-1561B. Deliverable Provisioning Technical Documentation (PTD) and Supplementary Provisioning Technical Documentation (SPTD) requirements will be specified on DD Form 1423 (Contracts Data Requirements List).

B. When the PRS is furnished after contract award the contractor shall submit a priced proposal within 30 days after receipt of this PRS. This PRS may be modified or changed by a supplemental agreement to the contract.

C. A Statement of Prior Submission (SPS) submitted in accordance with paragragh 5.4 MIL-STD-1561B may result in reduction or elimination of PTD and SPTD requirements specified on DD Form 1423 and conference requirements of this PRS.

PROVISIONING REQUIREMENTS

1. GUIDANCE CONFERENCE - (Check one) [X] IS REQUIRED [ ] IS NOT REQUIRED (Paragraph 5.1.11).

A. PLACE **REFER TO ITEM #19**	B. DATE (YYMMDD) **REFER TO ITEM # 19**
C. TIME **REFER TO ITEM # 19**	D. ESTIMATED NUMBER OF DAYS **REFER TO ITEM # 19**

2. PROVISIONING CONFERENCE - (Check one) [X] IS REQUIRED [ ] IS NOT REQUIRED (Paragraph 5.1.4).

A. PLACE **REFER TO ITEM # 19**	B. DATE (YYMMDD) **REFER TO ITEM # 19**
C. TIME **REFER TO ITEM # 19**	D. ESTIMATED NUMBER OF DAYS **REFER TO ITEM # 19**

E. THE CONTRACTOR - (Check one) [X] IS REQUIRED [ ] IS NOT REQUIRED TO HAVE A SAMPLE ARTICLE OF THE COMPONENT/END ITEM AT THE CONFERENCE (Paragraph 5.1.4.a).

F. SAMPLE ARTICLE - (Check one) [X] WILL BE VIEWED [X]WILL BE DISASSEMBLED

3. PROVISIONING PREPAREDNESS REVIEW CONFERENCE - (Check one)
[ ] IS REQUIRED [X] IS NOT REQUIRED (Paragraph 5.1.2).

4. LONG LEAD TIME ITEMS PROVISIONING CONFERENCE - (Check one)
[X] IS REQUIRED [ ] IS NOT REQUIRED (Paragraph 5.1.3).

5. INTERIM SUPPORT ITEMS CONFERENCE - (Check one)
[ ] IS REQUIRED [X] IS NOT REQUIRED (Paragraph 5.1.5).

6. MANUFACTURE'S OR COMMERCIAL MANUALS - (Check one)
[X] ARE REQUIRED [ ] ARE NOT REQUIRED (Paragraph 5.3.15).

7. INCREMENTAL SUBMISSION OF PTD - (Check one)
[X] IS REQUIRED [ ] IS NOT REQUIRED (Paragragh 5.5).

8. PROVISIONING SCREENING - (Check one) [X] IS REQUIRED [ ] IS NOT REQUIRED
RESULTS [X] ARE REQUIRED [ ] ARE NOT REQUIRED ON THE PL (Paragragh 5.6).

9. DELIVERY FOR SUPPORT ITEMS WILL BE - (Check one)
[ ] CONCURRENT (Paragraph 5.8.1) [X] SCHEDULED (Paragraph 5.8.2.1) [ ] SCHEDULED (Paragraph 5.8.2.2).

PROVISIONING REQUIREMENTS STATEMENT

10. RESIDENT PROVISIONING TEAM (RPT) - (Check one)
[ ] WILL BE ESTABLISHED [X] WILL NOT BE ESTABLISHED (Paragraph 5.2.1).

11. INTERIM RELEASE - (Check one) [ ] IS AUTHORIZED [ ] IS NOT AUTHORIZED (Paragraph 5.7.5). N/A

12. SPTD, SPECIFICATIONS, DRAWINGS WILL BE FURNISHED ON:
[ ] MICROFILM [X] HARD COPY [ ] APERTURE CARDS (Paragragh 5.3.13.2).

13. SPTD WILL BE SEQUENCED BY:
[X] PLISN [X] REFERENCE NUMBER [ ] REFERENCE DESIGNATION [ ] OTHER

14. THE INITIAL PIO WILL BE SUBMITTED WITHIN _____ DAYS AFTER APPROVAL OF PTD/SPTD OR WITHIN _____ DAYS AFTER COMPLETION OF PROVISIONING CONFERENCE OR WITHIN _____ DAYS AFTER ACCEPTANCE OF THE PCL (Paragraph 5.7.1). **NOT APPLICABLE**

15. TOOLS AND TEST EQUIPMENT - (Check one)
[X] WILL BE [ ] WILL NOT BE INCLUDED IN THE PPL (Paragraph 5.3.1).

16.PPS - (Check one) [ ] IS [ ] IS NOT REQUIRED (Paragraph 4.2). **NOT APPLICABLE**

17. REPAIRKITS AND REPAIR PART SETS - (Check one)
[X] WILL BE [ ] WILL NOT BE INCLUDED IN THE PPL (Paragragh 5.3.1).

18. COMMON AND BULK ITEMS LIST - (Check one)
[ ] OPTION 1 [ ] OPTION 2
[ ] OPTION 3 [X] OPTION 4 (Paragragh 5.3.3).

19. AGENCY ADDENDUM AS FOLLOWS:

1. Reference Item #1A, 1B, 1C, 1D: Guidance Conference shall be conducted with in sixty (60) days of contract award.

2. Referece Item #2A, 2C, 2D: Shall be determined by the government at the Guidance Conference.

3. Reference Item #2B: Provisioning Conference date shall be within sixty (60) days after government approval of LSAR.

4. Reference Item # 4: When applicable the date and requirements for the Long Lead Time Items Provisioning Conference will be established at the Guidance Conference.

5. All Supplementary Provisioning Technical Documentation, Drawings and Specifications shall be in accordance with DI-V-7000A/T.

SPECIFIC CONTRACT REQUIREMENTS

A. The contractor shall assign Source, Maintenance and Recoverability (SMR) Codes in accordance with the attached documents.

B. Acceptance of all Provisioning Technical Documentation (PTD) shall be predicated upon the technical accuracy, completeness and compatibility for processing by the FAA/MRSA compatable ADP system.

C. The contractor shall furnish the following information with the delivery of each magnetic tape:

1. Tables contained on the tape and their sequence.

2. The approximate number of LCNs contained on the tape.

3. Person to contact.

PROVISIONING REQUIREMENTS STATEMENT

19. AGENCY ADDENDUM AS FOLLOWS: (continued)

D. LSAR Data Requirements:

1. Reference MIL-STD-1388-2B Data Element Definition 004, Acquisition Method Suffix Code (AMSC). The contractor shall identify all items containing proprietary data in this block by entering a "P".

2. All part-peculiar spares shall be identified by placing a "Y" in the PTD Selection Code, element ARAPTDHG of Table HG, Part Application Provisioning. In addition, an Item Catagory Code, element ITMCATHG of Table HG, shall be entered as "AA" for such items.

3. Maintenance Replacement Rate:

In accordance with Data Element Definition 211 of MIL-STD-1388-2B, and element MRRONEHG of Table HG, the contractor shall provide the maintenance replacement rate for each LRU in the system based on one system LRU operating 365 days a year, 24 hours a day. (**EXAMPLE:** The recorded maintenance replacement data shall reflect 00010000 for a LRU that is replaced once a year, or 00005000 for a LRU that is replaced once every two years.

F. Level of Repair Analysis (LORA) and Spares Quantification shall be accomplished using either the available government programs or a contractor recommended and government approved program. Unless otherwise stipulated the initial quantification shall be based on a one (1) year time period and a minimum quantity of two (2) each as an insurance spare. The government shall provide variables for both the LORA and Spares Quantification Models.

INT MILITARY SMR AND ERRC CODES

SOURCE		MAINTENANCE			RECOVERABILITY	EERC CODE	
		USE	REPAIR				
1ST POSITION	2ND POSITION	3RD POSITION	4TH POSITION		5TH POSITION	6TH POSITION	
P PROCURABLE	A STOCKED						
	B INSURANCE		Z NO REPAIR		Z CONDEMN AT 3RD POSITION LEVEL	N CONDEMN AT ANY LEVEL	
	C DETERIORATIVE						
	E SUPPORT EQUIPMENT STOCKED	O REPLACE AT ORGANIZATIONAL			O REPAIRABLE CONDEMN AT ORGANIZATIONAL	P RECOVERABLE CONDEMN AT ORGANIZATIONAL	
			B NO REPAIR RECONDITION			L RECOVERABLE CONDEMN AT DEPOT (LRU)	
	F SUPPORT EQUIPMENT NON-STOCKED				F REPAIRABLE CONDEMN AT INTERMEDIATE	T RECOVERABLE CONDEMN AT DEPOT	
	6 SUSTAINED LIFE SUPPORT						
K COMPONENT OF A REPAIR KIT	F INTERMEDIATE KIT	F REPLACE AT INTERMEDIATE	D REPAIR AT ORGANIZATION		D REPAIRABLE CONDEMN AT DEPOT	S NON-EXPENDABLE SUPPORT EQUIPMENT DEPOT	
	D DEPOT KIT		F REPAIR INTERMEDIATE			U NON-EXPENDABLE SUPPORT EQUIPMENT ORGANIZATIONAL AND INTERMEDIATE	
	B BOTH KITS						
M MANUFACTURE	O ORGANIZATIONAL	D REPLACE AT DEPOT	D LIMITED REPAIR AT O OR F LEVEL		A SPECIAL HANDLING	C RECOVERABLE CONDEMN AT DEPOT	
	F INTERMEDIATE						
	D DEPOT		OVERHAUL AT DEPOT				
A ASSEMBLE	O ORGANIZATIONAL					NOTE: C is to be used when a critical shortage of an item has been determined	
	F INTERMEDIATE						
	D DEPOT						
X NON-PROCURED	A REQUISITION NHA		L REPAIR AT DEPOT				
	B RECLAMATION RQN FROM IM						
	C MFG DRAWINGS						

SOURCE, MAINTENANCE, AND RECOVERABILITY CODE

UNIFORM SOURCE CODES APPLICATION AND DEFINITION:

ource codes reflect where the item originated and where it can be tained. (First and Second Position.)

ODE DEFINITION and APPLICATION

A Item procured and stocked for anticipated or know usage.

B Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply system.

C Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.

E Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.

F Support equipment which will not be stocked but which will be centrally procured on demand.

G Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which because of probable discontinuance or shut down of production facilities would prove uneconomical to reproduce at a later time.

KD An item of depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.

KF An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organization or intermediate levels of maintenance.

KB Item included in both a depot overhaul/repair kit and a maintenance kit.

MO Item to be manufactured or fabricated at organizational maintenance.

MF Item to be manufactured or fabricated at intermediate maintenance.

MD Item to be manufactured or fabricated at depot maintenance.

AO Item to be assembled at organizational maintenance.

AF Item to be assembled at intermediate maintenance.

D Item to be assembled at depot maintenance.

XA Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.

tallation drawing, diagram, instruction sheet, field service awing that is identified by manufacturers' part number.

The two codes MO and AO will not be assigned without coordination and equipment user.

UNIFORM MAINTENANCE CODES APPLICATION AND DEFINITION.

GENERAL: Maintenance codes are assigned to indicate the levels of intenance authorized to USE and REPAIR items. The maintenance codes are tered in the third and fourth positions of the uniform SMR coding format follows:

(1) USE (Third Position):

The maintenance use code entered in the third position will indicate he lowest maintenance level authorized to remove, replace, and use the upport item. The decision to code the item for removal and replacement t the indicated maintenance level will require that all the capabilities ecessary to install and insure proper operation after installation of a eplacement item (i.e., pre-installation inspection, testing and ost-installation checkout) are provided. The maintenance use code nt ed in the third position will indicate one of the following levels of a enance.

ODE APPLICATION AND DEFINITION

) Support item is removed, replaced and used at the organizational level of maintenance.

Support item is removed, replaced, and used at the intermediate levels of maintenance.

D Support item is removed, replaced, and used at depot level of maintenance.

(2) REPAIR (Fourth Position):

The maintenance code entered in the fourth position will indicate whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). The decision to code the support item for repair at the indicated maintenance level requires that all maintenance capability (remove, replace, repair, assembly, and test) for the support items be p ded to the level. This does not preclude limited repair which may be ccomplished at a lower level of maintenance unless specifically excluded by the appropriate code (e.g., code L).

DE APPLICATION AND DEFINITION

N repairable. No repair is authorized.

No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts, tools, technical instruction, test equipment, etc., is provided for returning this item to a serviceable condition.

The organization is the lowest maintenance level capable of complete repair of the support item.

The intermediate is the lowest maintenance level capable of complete repair of the support item.

The depot is the lowest maintenance level capable of complete repair/overhaul of the support item. Limited repair may be authorized at organizational or intermediate maintenance.

UNIFORM RECOVERABILITY CODES APPLICATION AND DEFINITION (Fifth Position).

Recoverability codes are assigned to P source coded support items to ndicate the disposition action when becoming unserviceable. The ecoverability code is entered in the fifth position of the uniform SMR od format as follows:

ODE APPLICATION AND DEFINITION

Non-reparable item. When unserviceable, condemn and dispose at the level indicated by the code in position 3.

) Reparable item. When uneconomically repairable, condemn at organizational maintenance.

Reparable item. When uneconomically repairable, condemn at intermediate maintenance.

D Repairable item. When uneconomically repairable condemn at depot maintenance.

A Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals or directives for specific instructions.

4. EXPENDABILITY, RECOVERABILITY, REPAIRABILITY, CATEGORY (ERRC) CODES. (Sixth Position):

he ERRC code will only be assigned to items that have a SMR first position code of P . The SMR codes' second and fourth positions will etermine the proper ERCC code assignment. The ERRC code includes a esignator for disposition action of items that are no longer economically repairable and takes into account significant economic values affecting materiel management.

1. F 001	2. Integrated Support Plan & LSAP 3.			6. FAA Tech. Officer	10. ONE/R	12. BLK 16	14. ANC	3/0
							ASM-600	1/0
4. DI-ILSS-80395/T DI-ILSS-80531/T	5. SOW 3.6.1.1	7. DD	8. A	9.	11.	13. BLK 16	ANS-420	1/0
							ACN-120	1/0
							ASM-100	1/0
16. Block 12. Sixty (60) days after contract award. Block 13. Thirty (30) days after receipt of comments.							AAC-400	3/0
							AAC-900	1/0
							15. TOTAL	11/0

FIGURE #2

CONTRACT DATA REQUIREMENTS LIST (CDRL)

1. F 002	2. Supplementary Provisioning Technical Documentation			6. FAA Tech. Officer	10. ONE/R	12. BLK 16	14. ANC-120	1/0
							AAC-400	1/0
4. DI-V-7000AT	5. SOW 3.6.3.2.1 (ii)	7. SD	8. AD	9.	11.	13. BLK 16		
16. REMARKS Block 4. 10.2(a) Shall be delivered in accordance with the provisions of block 12. All requirements of this DID shall be delivered in accordance with MIL-STD-1388-2B and MIL-STD-1561B. Block 12. Sixty (60) days prior to provisioning conference. Block 13. Update as required.								
							15. TOTAL	2/0

1. F 005	2. Design Change Notice (DCN) 3.		6. FAA Tech. Officer	10. ASREQ	12. See 16.	14. ALC	LTO
						ANS-420	1/0
4. DI-V-7009A	5. SOW 3.6.5.2	7. DD	8. A	9.	11.	13.	ANC-120	LTO
							ASM-100	1/0
							ASM-600	1/0
							AAC-400	3/0
16. Remarks: Block 4. All references to MIL-STD-1388-2 shall be changed to MIL-STD-1388-2B. Block 12. As required. If required, thirty (30) days after approval of change in configuration. The DCN process will be accomplished in accordance with MIL-STD-1388-2B, paragraphs 120.16 (Table HP - Design Change Information) and 120.18 (Table HP - Design Change Codes).						15. TOTAL	6/0	

FIGURE # 3

1. F 004	2. LSAR Parts Master File 3. LSAR Increment Delivery and Content		6. FAA Tech. Officer		10. ASREQ	12. See 16.	14. ALG	LTO
							ANS-420	LTO
4. MIL-STD-1388-2B	5. SOW 3.6.2.5	7.	8. DD	9. A	11.	13. See 16.	ANC-120	LTO
							AAC-400	1/0
							15. TOTAL	1/0

16. REMARKS:

The contractor shall deliver the parts master file on the specified magnetic media in acceptable ADP format IAW MIL-STD-1388-2B and the requirements of the Provisioning Requirements Statement (PRS), DD Form 1949-2. Delivery shall consist of five (5) increnments:

a. Increment "A" shall be delivered thirty (30) days prior to PDR and contain as a minimum the LSAR data required to produce the:

1. Long Lead Items List.
2. Repairable Items List.
3. Tool and Test Equipment List.
4. Support Equipment List.

b. Increment "B" shall be delivered sixty (60) days prior to CDR. Increment "B" shall contain as a minimum all the LSAR data required in Increment "A" as well as updates. Increment "B" shall also contain the data required to produce the:

5. Short Form Provisioning Parts List (Parts Peculiar List).

c. Increment "C" shall be delivered sixty (60) days after CDR. Increment "C" shall contain as a minimum all the LSAR data required in Increments "A" and "B" as well as the updates. Increment "C" shall also contain the data required to produce the:

6. Provisioning Parts List
7. Common and Bulk Items List
8. Interim Support Items List

d. Increment "D" shall be delivered sixty (60) days after the provisioning conference. Increment "D" shall contain all updates from the provisioning conference(s) and Design Change Notices (DCN). Increment "D" shall also contain as minimum all the data to produce the:

9. Post Conference List

e. Increment "E" shall be delivered thirty (30) days after the last system delivery and shall include all of the information previously delivered plus all subsequent updates and Design Change Notices (DCN) data and updates.

1. F 005	2. Post Production Support Plan 3.		6. FAA Tech. Officer	10. ONE/R	12. See 16.	14. ALC	LTO
						ANS-420	1/0
4. DI-P-7119	5. SOW 3.6.5.1	7. DD	8. A	9.	11.	13. See 16.	ANC-120	LTO
							ASM-100	1/0
							ASM-600	1/0
16. Remarks: Block 12. Sixty days after Critical Design Review (CDR). Block 13. Thirty (30) days after receipt of comments. As required.							AAC-400	3/0
							QRO	1/0
							15. TOTAL	7/0

FIGURE #5

CONTRACT DATA REQUIREMENTS LIST
DESCRIPTION OF CDRL FORM

Block 1 - LINE NUMBER

This block provides a line number which uniquely identifies this particular data item.

Block 2 - TITLE (DESCRIPTION OF DATA)

This block gives the title of the data item as it appears on the Data Item Description (DID).

Block 3 - SUBTITLE

This block provides additional title information for the data item if the title differes from the title of the DID or requires further identification.

Block 4 - DID REFERENCE

This block gives the identification number, including revision letter, of the Data Item Description (DID) which specifies the requirements for the data item. FARR indicates a Specific Data Item, unique to the FARR project.

Block 5 - CONTRACT REFERENCE

This block provides a reference to the specific location in the procurement instrument that generates the requirement for the data item. It provides the paragraph number of the contractually cited Statement of Work (SOW), Engineering Product Specification, or other contractually applicable document.

Block 6 - TECHNICAL OFFICE

This block identifies the office responsible for advising on the technical adequacy of the data item. Abbreviations used are as follows:

FAA = Federal Aviation Administration

Block 7 - INSPECTION/ACCEPTANCE CODE

This block designates the location for performance of Government inspection and acceptance of the data item. The location is indicated by a two character code as follows:

Code	Meaning
SS	Both Inspection and Acceptance at Source.
DD	Both Inspection and Acceptance at Destination.
SD	Inspection at Source, Acceptance at Destination.
DS	Inspection at Destination, Acceptance at Source.

LT	Only a Letter of Transmittal required.
NO	No Inspection or Acceptance required.
blank	No Inspection or Acceptance required.
XX	Inspection and Acceptance requirements are specified elsewnere in the contract.

Source indicates at the Contractor's facility.

Block 8 - APPROVAL CODE

This block indicates requirements for Government approval of the data item. Requirements are indicated by a code as follows:

CODE	Meaning
A	Formal, written approval is required prior to final acceptance of the data item by the Government. If it is determined that certain of the ARSR-4 contractual requirements for this data item are not satisfied, the Government will notify the contractor of each deficient area and will withhold final acceptance pending correction of all deficiencies by the contractor.
B	Written certification from the Government that the data item satisfies the requirements of the ARSR-4 contract in terms of format, completeness and level of detail is required prior to final acceptance of the data item. Such certification is not intended to imply Government sanction or approval of the contractor's design. If it is determined that certain of the ARSR-4 contractual requirements for this data item are not satisified, the Government will notify the contractor of each deficient area and will withhold final acceptance pending correction of all deficiencies by the contractor. This code may also be used in instances where a data item does not normally require written acceptance from the Government, depending on the particular DID application. In such instances, clarification is provided in Block 16.
D	A distribution statement is required.
AD	Both approval and a distribution statement are required.
AN	Approval is required, however a distribution statement is not required.
N	Neither approval nor a distribution statement is required.
(blank)	Neither approval nor a distribution statement is required.

Block 9 - INPUT TO IAC

An "X" in this block indicates that either the data item is dependent on the integrated result of specific inputs from other participating contractors, or the data item is an input to an Integrating Associate Contractor (IAC).

Block 10 - FREQUENCY

This block specifies the frequency of submittal for the data item. Data of a recurring type shall be submitted at the end of the reporting period established in this field unless otherwise indicated in Block 12, 13, or 16. Codes used are as follows:

CODE	Meaning
DAILY	Daily
WEEKLY	Weekly
BI-WE	Every two weeks
Mthly	Monthly
BI-MO	Every two months
QRTLY	Quarterly
ANNLY	Annually
SEMIA	Every 6 months
ONE/R	One time and revisions (revision requirements are specified in Block 13 or 16).
n/R	N separate submittals and revisions (revision requirements are specified in Block 13 or 16).
R/ASR	Revisions as required (revision requirements are specified in Block 13 or 16).
ASREQ	As required (See Block 16).
CP/RQ	Change pages as required.
ONE/P	One-time preliminary draft.
ONE	One time.
2TIME	Two separate submittals.
nTIME	n separate submittals, where n is a number of 3 or more.

Block 11 - AS OF DATE

For data of a recurring type, this block may be used to indicate the starting date for the required reporting interval.

Block 12 - DATE FOR FIRST SUBMITTAL

This block contains the date that the initial data submission is to be delivered to the Government. This date may be an actual calendar date or keyed to an event. Codes are as follows:

Code	Meaning
P	Prelinimary Document
F	Final Document
CA	Contract Award
DAC	Days After Contract
DARC	Days After Receipt of Comments
DARP	Days After Reporting Period
DATC	Days After Test Completion
DPT	Days Prior To
MAC	Months After Contract
NLT	Not Later Than

Numbers used with review abbreviations indicate that the document is due X months after the specified formal review. For example, PDR+2 means that the document is due 2 months after the Preliminary Design Review.

Block 13 - DATE OF SUBSEQUENT SUBMISSION

For data which is submitted more than once, this block contains the requirements for all submissions after the initial submittal. Codes used are the same as those used for Block 12.

Block 14 - DISTRIBUTION AND ADDRESSEES

This block specifies the addressees and the number of copies (regular and magnetic tape) each addressee is to receive. Regular copies required are to the left of the slash, and reproducible copies to the right. The designation "LTO" indicates that only a copy of the Letter of Transmittal is required for that addressee. A distribution list giving the full mailing address for each addressee follows:

Block 15 - TOTAL COPIES

This block specifies the total number of copies required. It should be the sum of the number of copies sent to each addressee.

Block 16 - REMARKS

This block contains pertinent data item information not specified elsewhere on the form. It also contains amplificatio/clarification data for other blocks.

NOTE: All references to days shall be construed to be calendar days unless otherwise specified.

NOTE: The Government shall require 45 days to review, approve, disapprove, and/or comment on all documentation submitted.

STANDARDIZED FAA DATA ITEM DESCRIPTIONS (DID'S)

TO BE DEVELOPED

ıtil FAA standardized DID's are developed, DOD DID's with
ıiloring will be used.

APPENDIX 7. VACANT TO BE DETERMINED

CONTRACTOR SMA [redacted] MFR PART NUMBER 0011022 ITEM NAME MCCP/MMC SYSTEM,SMA 61187 DTFA0187Y01023

LSA CONTROL NO. / UOC	ITEM NAME / NAT STOCK NUMBER	FSCM / ADDITIONAL REF #	PRIME PART NUMBER	U/I	QTY PER ASSY / QTY E/I	SL	QTY UNIT PRICE / AMSC	QTY RECOMM / SMR COD	REMARKS / SA PLS/NH PLS
									PRINTER NOT STKED AT FAALC - FIELD REPAIRABLE
NMDA02 NMD,	PRINTER	2J807	SPG8070PLUS	X	0002		987.00	000028	
		61187	MP99013A0006932	EA	00004	9		PA0DDT	/AAAB
(4) NMDA02B NMD,	(5) FUSE 1.5A,120V,SLO I=1	81349	F02B250V1-1/2A	Y	0001		0.18	(9) PA0ZZN	/AAAR (8) 100%
		28480	SD4-1.5A	EA	00004	9	(7) 36.00		
		2J807	5140-004-278		(6) I=100 D=100 T=200				
NMDA02B NMD,	TIMING BELT 140 3030012950437	2J807	7010-002-156	Y	0001		4.64	000062	
		61187	007006	EA	00004	9		PA0ZZN	/AAAR

1. Underline in red items selected for supply support.
2. Disposal Code in red.
3. LMC in red. See LMC Order FAA 4650.19A for codes. (See note 9. below. Also the LMC will eventually be replaced in FAALC inventory records by the SMR code.
4. Annotate an "I" in red if item is to be an ISSAC item.
5. Allowance quantity to be shown on ISSAC in blue.
6. Computed total buy quantity in red:
   - I = Total ISSAC quantity in blue.
   - D = Depot stock quantity in red.
   - T = Total buy quantity in red.

   NOTE: The total computed buy quantity should be crossed out and a zero should be inserted if item is not bought to show that item was considered. Also, a brief note should be entered in the remarks column why computed quantity was not bought, i.e. "adequate stock on hand."
7. Total buy quantity cost in red.
8. Annual Demand percentage failure factor in red if MTBF is not listed in remarks clumn. Annual Demand percentage can be obtained from Appendix 9 if not listed in remarks column.
9. SMR code can be interpreted to determine the LMC.
10. If an LRU is not selected (underlined) an explanation should be annotated in the remarks column.

NOTES:

1) After screening is completed by Cataloging, the NSN will be annotated in the appropriate column on PPL, the unit price updated if necessary, and items 4 thru 8 above accomplished.
2) When the provisioner initiates a purchase request for an item, insert the initials "P.R." (in green) in the far right column.
3) If the item is DSA direct ship item, insert the DSA code (i.e. S9E) in green, in the far right column.
4) If the item is parts peculiar, annotate the initials "PEC" (in green) in the far right column.

PROVISIONING COMPUTATION GUIDELINES

1. GENERAL. Initial provisioning quantities shall be computed using the FAA approved "Spares Planning Model, Version 2.1". This model is available on PC software and also has a users manual. The quantification model is driven by many variable and constant elements that significantly affect the outcome. The primary variables are the MTBF, unit price, and population. Other variables such as lead turnaround times, condemnation rate, etc. will, of course , also affect the outcome. These other variables have default values based on averaged actual history and if the provisioner has no other knowledge regarding the values for an item, then default value should be used.

2. MTBF The following sequence shall be applied for selecting Mean Time Between Failure (MTBF) to be used in the subject spares model. The MTBF is expressed as "Failures per Million Hours" in the model:

a. Use the MTBF developed by the contractor which is formally part of the contractual LSA requirements. Any adjustments to this MTBF by the provisioner shall be documented. Justification for adjustments could be:

(1) Real/live experience of like items/systems in inventory.

(2) Obvious errors by the contractor.

(3) Unrealistic MTBF (high or low). Unrealistic MTBF should be coordinated with the program office for verification.

b. If, for whatever reason, MTBF is not available, the following sequence shall be applied:

(1) Use real/live experience of like items/systems in inventory if possible.

(2) Use the following "Generic Failure Rates" shown in the attached table (Figure 1).

3. ISSAC ITEMS. The following formula shall be used for computing ISSAC item quantities:

a. Allowance Qty = Annual Failure Factor X No. Installed Per Equipment (unless otherwise specified)

b. Total Qty = ISSAC Allowance Qty X No. of Equipments

c. Annual Demand = Annual Failure Factor X No. Installed Per Equipment X No. of Equipments

d. Buy Qty = Total ISSAC Qty + Initial Provisioning Depot Stock Level

4. Items Available for FAALC Stock. The computed provisioning quantity (CPR) should not be bought if it meets any of the following criteria:

a. CPR is less than 10% of annual demand on record.

b. CPR is less than 10% of due in acquisition quantity on record.

c. Three (3) years or more stock at the FAALC based on the following formula:

$$\frac{O/H + DIA - DO}{A/D + CPR} = \text{Years of Stock}$$

Legend:
- O/H = Total FAALC asset quantity
- DIA = Advance Due-in and Due-in acquisition quantity
- DO = Dueout quantity
- A/D = Forecasted Demand (FD) or Rotable Demand in records
- CPR = Computed Provisioning requirement for the current contract

NOTE: In those instances where the CPR is not bought, the associated value of F&E funds should not be transferred to stock and stores since these savings are offset by additional CPR costs in other areas (i.e. minimum buy quantities and unit price increases).

TABLE OF GENERIC FAILURE RATES

Figures below are based on information from MIL-HDBK-217E Reliability Prediction of Electronic Equipment.

ITEM DESCRIPTION	FAILURE PER MILLION HOURS	ANNUAL PERCENTAGE FAILURE RATE
CAPACITORS, FIXED	2.7297	2.391%
CAPACITORS, VARIABLE	1.9975	1.750%
CIRCUIT BREAKERS	0.2000	0.175%
CONNECTORS	0.0072	0.006%
DIODES	2.7000	2.365%
FILTERS	0.2852	0.250%
[illegible]DUCERS	0.0593	0.052%
[illegible]NTEGRATED CIRCUITS	0.1912	0.167%
LAMPS, INCANDESCENT		
AC Application	6.3000	5.519%
DC Application	21.0000	18.396%
LED	0.0330	0.029%
MAGNETRONS	197.3333	172.864%
MICRODEVICES - SEE INTEGRATED CIRCUITS		
PROM - SEE INTEGRATED CIRCUITS		
RAM - SEE INTEGRATED CIRCUITS		
RESISTORS, FIXED	0.0412	0.036%
RESISTORS, VARIABLE	0.5753	0.504%
ROM - SEE INTEGRATED CIRCUITS		
SWITCHES		
Toggle & Push Button	0.0029	0.003%
Sensitive	0.4400	0.385%
Thumbwheel	1.6000	1.402%
Other Rotary	0.9500	0.832%
TRANSISTORS	0.5300	0.464%

THE FOLLOWING IS FOR ANY ITEMS NOT LISTED ABOVE. THIS FAILURE DATA IS NOT DERIVED FROM MIL-HDBK-217E. IT IS BASED ON PAST DEPOT ENGINEERING/PROVISIONING EXPERIENCES:

ELECTRONIC REPAIRABLE ITEMS	7.2192	6.324%
ELECTRONIC NON-REPAIRABLE ITEMS	1.1416	1.000%
MECHANICAL DEVICES	22.8311	20.000%
FUSES	114.1553	100.000%

These generic reliability rates are based on the environmental factor of Ground, Fixed; which are described as:

> Conditions less than ideal such as installation in permanent racks with adequate cooling air and possible installation in unheated buildings; includes permanent installation of air traffic control, radar, and communications facilities.

In addition to these generic rates when quantifying initial FAALC stock requirements:

a. Minimum packaging requirements and/or economic price quantities should be considered when finalizing a quantity to be procured.

b. A minimum quantity of two each shall be procured for stock. If only one each were procured, FAALC stock would constantly be in a safety stock position and any routine demands received from the field would be placed on back order.

COORDINATION GUIDELINES FOR DEPOT ENGINEERS/PROVISIONERS

These guidelines provide a common reference coordination required between the Engineering Section (AAC-445) and the NAS Project and Provisioning Section (AAC-485).

a. Planning Activities. Planning, both on an informal and formal basis, through AAC-402, should occur between the applicable provisioner and engineer at any appropriate time in the acquisition cycle. Planning can by initiated by either function and it should begin as early as possible and carry on through the entire acquisition cycle.

b. Plans for Provisioning Conference. A mutual review of all available materiel on the contract should be accomplished by the appropriate engineer and provisioner prior to the provisioning conference. To the extent practical, AC Form 4700-60, Reparable Item Information Record, should be initiated prior to the conference.

c. AC Form 4700-60, Reparable Item Information Record. This form should be completed to the maximum extent practical by the time the provisioning conference is completed. In the event a provisioning conference is NOT required, the AC Form 4700-60 will be completed in-house on the basis of available information and/or telephone contacts with the contractor. The two primary sections of the form are titled "Provisioner.Contractor Data" and "Engineering Support Review" which will be completed as follows:

(1) Provisioner/Contractor Data. Much of the information required in this section is available only from the documentation furnished by the contractor or from the contractor's personnel. To the extent feasible, the provisioner should initiate this section prior to the provisioning conference and complete it at the conference. The provisioner has the prime responsibility for completing this section of the AC Form 4700-60.

(2) Engineering Support Review. The engineer has the prime responsibility for completing this section of the AC Form 4700-60. Each item identified as an exchange and repair (E&R) candidate will be reviewed for the following:

(a) Repairability

(b) Need for special or standard test equipment

(c) Technical documentation required for either Depot or commercial repair.

(d) Adequacy of technical documentation to

assure repaired item will meet initial design tolerances of equipment.

(e) Adequacy of technical documentation to assure Depot support for the expected life cycle of the new system and/or equipment.

(3) To the extent practical, thorough review of each potential E&R item will be accomplished at the contractor's plant using the AC Form 4700-60 as a guide. This review will also provide a basis for determining total additional shop workload expected.

d. Engineering Support Report. Subsequent to completion of review of all potential E&R items on a specific system and/or equipment, the engineer will prepare a report covering the experience to date and the future plans and actions required for effective Depot support. A copy of the report will be furnished to AAC-485 through AAC-402. The report should include, but not be limited to, coverage of the following:

(1) Technical Documentation.

(a) What category or level of drawings were acquired?

(b) Are the drawings in microfilm aperature card format?

(c) Were master patterns acquired?

(d) Are the drawings acquired adequate for follow-on support?

(e) Has a formal or informal maintenance plan been developed?

(f) What is the maintenance plan?

(g) What actions have been taken to acquire or resolve known deficiencies?

(2) Hardware/Software Requirements.

(a) Are adequate test programs available?

(b) What are the plans to acquire required test programs?

(c) Are special test equipment requests available?

(d) Is there special test bed requests?

(e) What actions have been taken to acquire or resolve known deficiencies?

(f) Are special system components required and available for Depot repair capability?

(3) Anticipated Workload.

(a) What is the expected shop or commercial workload based on failure rate and population?

(4) Special Problem Areas.

(a) Identify any known special problem areas anticipated in support of this system and/or equipment.

(b) Identify special skills required to repair or overhaul components.

(c) Identify training requirements of Depot repair personnel.

(5) Recommendations.

(a) Identify total technical support requirements including those required to cover expendable assets as well as E&R.

(b) Identify specific actions required to resolve known deficiencies or to preclude support problems.

EQUIPMENT REPAIR SUPPORT [illegible]
(To be submitted and completed as a cover document for AC Forms 4700-60.)

To be Completed by Provisioner (AAC-480):

Date Prepared _____

Equipment Name _____

Contract No. _____

Equipment Type (FA) _____

Est. 1st System Operational Date ___

3. Provisioner _____ AAC _____ Ext. _____

4. No. of Systems _____ Drawings: Type _____

5. No. of E&R Line Items _____

6. Ded. Repair Contract Yes____ No____ Warranty: Yes____ No____

Est. Start Date _____ Termination Date (All Options) _____

To be Completed by Engineer (AAC-440):

Name: _____

1. Will Depot Test Bed be Provided? _____ Est. Operational Date _____

2. Repair Source: [] Depot [] Commercial [] Both

(a) For Depot Repair Items (Annual Projection):

Shop Code	Line Items	Est. Units	Est. Hours	*Est. Depot Repair Start Date
Total				

Budget requirements have been submitted for shops technical training and test equipment to meet new Depot repair items and coincide with Depot repair start date(s).

Remarks

(b) For Commercial Repair Items:

Shop Code	Line Items	Est. Units
030		

Commercial repair specifications will be provided.

[] Yes [] No * If yes, est. completion date _____

If no, explain reasons on an attached sheet and provide reasons for continued sole-source repair procurement or provide other sources of commercial repair.

* Budget and/or time has been allocated to meet commercial repair specification requirements in support of commercial contracts.

Remarks

To be Completed by Production Control (AAC-440): Name _____

1. Projected Depot repair employee-hours have been programed into appropriate Depot shops and Fiscal Year [] Yes [] No [] N/A

2. Arrangements have been made with applicable Depot shops to develop MRL for new projected Depot repair items to meet projected start dates. [] Yes [] No [] N/A

3. Number of annual shop work hours requiring conversion to commercial sources to enable absorption of the additional work: N/A

Shop Code	Hours	Type of Items (Skills)	Required Completion Date
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Remarks

_____

_____

_____

_____

Items B. and C. Approved: _____ Date _____
Manager, Engineering and
Production Branch, AAC-440

D. To be Completed by Provisioner (AAC-480): Name: _____

Commercial repair is to be accomplished via:

[] Dedicated Repair Contract (DRC) [] Other Sole Sources [] Not Applicable

Reason for decision is explained on attached sheets, including DRC details (if applicable).

Remarks

_____

_____

_____

_____

Approved: _____ Date _____
Manager, Supply Management Branch, AAC-480

REPARABLE ITEM INFORMATION RECORD

DATE PREPARED _____

PROVISIONER/CONTRACTOR DATA:

EQUIPMENT/SYSTEM _____ EQUIPMENT DESIGNATION FA-_____

NO. OF SYSTEMS TO BE INSTALLED _____ SINGLE _____ DUAL _____ EST.START DATE _____ EST. COMPLETION DATE _____

CONTRACTOR _____ ADDRESS _____ CONT. NO _____

NSN _____ ITEM NAME _____ PRIME CONT. P/N _____ M/C _____

VENDOR P/N _____ M/C _____ PPL _____ PACE NO. _____ SEQ. NO. _____ REF. SYMBOL NO. _____

NEXT HIGHER ASSY: NSN _____ NAME _____ P/N _____ M/C _____

FAILURE RATE _____ OVERHAUL FACTOR _____ PPL UNIT PRICE _____ EST.REPLACEMENT COST _____ LMC _____ (Order 4650.19)

ITEM POPULATION: QTY. INSTALLED PER SYSTEM _____ TOTAL QTY. _____ WARRANTY ___YES ___NO (IF YES # OF MONTHS _____)

CONTRACTORS REPAIR LEVEL RECOMMENDATION

(a) FIELD _____

(b) DEPOT _____

(c) FIELD OR DEPOT _____

COMPONENTS ON ISSAC _____ YES _____ NO

SPARE UNITS (This item furnished to sites on) ESTIMATED DELIVERY DATE

(1) ISSAC QTY _____ _____

(2) DIRECT SHIP QTY _____ _____

(3) DEPOT SPARE QTY _____ _____

ARE COMPONENT PARTS LISTED ON THE PPL IN TOP DOWN BREAKDOWN ORDER? _____ YES _____ NO

IF NOT LISTED IN THE PPL, ARE THEY INCLUDED IN DRAWINGS OR INSTRUCTION BOOKS? _____ YES _____ NO

REMARKS: _____

ENGINEERING SUPPORT REVIEW:

ITEM RECOMMENDED FOR DEPOT LEVEL REPAIR _____ YES _____ NO

REPAIR SOURCE CODE _____ REPAIR SPECIFICATION OR REPAIR KNOWLEDGE AVAILABLE _____ YES _____ NO

REPAIR SPECIFICATIONS: CHECK ONE ☐ AVAILABLE FROM CONTRACT DRAWING PACKAGE, ☐ TO BE DEVELOPED BY AAC-440, ☐ TO BE PURCHASED FROM COMMERCIAL SOURCE BY AAC-440, ☐ USE ORIGINAL MANUFACTURE AS "SOLE SOURCE" REPAIR ACTIVITY.

CIRCUIT CARD ASSY PROGRAMS TEST DATA AVAILABLE IF CCA: ____YES ____NO - EST.AVAILABLE DATE OF REPAIR SPEC. _____

EST. DIRECT SHOP REPAIR COST _____ ONE YEAR CONDEMNATION RATE _____ ONE YEAR FAILURE/OVERHAUL RATE _____

EST. DIRECT COMMERCIAL REPAIR COST _____

IF DRAWINGS/TECHNICAL DATA AVAILABLE FROM SOURCE OTHER THAN ABOVE REP CONTRACT WHAT IS SOURCE:

CONTRACT NR _____ OTHER _____ EQUIPMENT TYPE _____

DEPOT TEST EQUIPMENT:

1. AVAILABLE NOW _____ YES _____ NO CONTRACT NO. _____
2. BUDGETED FOR AND ANTICIPATE INSTALLATION BY _____
3. WILL BE BUDGETED FOR _____ YES _____ NO 4. NOT AVAILABLE _____

FIELD TEST EQUIPMENT:

1. AAF-200 REPRESENTATIVE _____
2. NAME OF EQUIPMENT _____ TYPE NO. _____
   (If more than one attach list)

REMARKS: _____

DATE _____
ENGINEER

CERTIFICATION: Based on the above information, this item will be introduced in the FAA Depot Supply System as:

_____ EXPENDABLE

_____ EXCHANGE AND REPAIR

DATE _____
PROVISIONER

AC Form 4700-60 (9-78) Supersedes previous edition

☆ U.S. GPO: 1985—573-101

COPY 1 — INVENTORY MANAGER

PROCEDURE FOR ESTABLISHMENT OF OPERATING ADVANCE DUE-IN AND DUE-IN RECORDS

A. Parts procured through the Aeronautical Center Acquisition Division (AAC-70), (normally parts common):

1. The Advance Due-in quantity is established automatically when a purchase request (P.R.) is prepared and forwarded through the LIS automated procurement system.

2. The Due-in quantity is established after the provisioner receives a copy of the purchase order (P.O.) and updates the LIS automated P.R. file with the P.O. information. Instructions for updating the P.R. file are on page 149 of the LIS Automated Procurement Manual. This update is required for not only establishing a firm due-in but also to decrease the "intransit" funds and increase the "obligated" funds.

3. Each provisioner is responsible for initiating and forwarding the P.R. through the automated procurement system in LIS and updating the LIS P.R. file with the P.O. information.

B. Parts procured through the Washington Headquarters Acquisition Division (ALG-300):

1. These items procured through the program office and ALG-300 are the original parts peculiar acquired under the system contract or additional parts peculiar acquired through a contract modification to the system contract. In some cases, COTS parts which are manufactured only by the system contractor are also acquired through a contract modification to the system contract.

2. Advance Due-ins are not established on these parts.

3. Due-ins are established * when the parts peculiar NSN's and quantities are contractually identified and/or after the system contract has been modified to procure the additional parts peculiar or, in some cases, the COTS parts. The required data elements to establish the due-in are as follows:

DATE DUE IN
TRANSACTION CODE -43D
CONTROL NUMBER (last 10 digits of the equipment contract number)
NATIONAL STOCK NUMBER
QUANTITY
UNIT OF ISSUE
PRIORITY CODE

*AAC-485 Unit Clerks are responsible for establishing these due-ins from information provided by the provisioner's documentation.

APPENDIX 12 EQUIPMENT INSTRUCTION BOOK DATA

)NTRACT NUMBER_____PROVISIONER_____

ANUFACTURER_____PRELIMINARY_____FINAL_____

'STEM TYPE NUMBER_____NUMBER OF SYSTEMS_____

ISTRIBUTION: No. of Books per System_____

Depot Stock Quantity_____

ASTER COPY HOLDING OFFICE_____

ROGRAM OFFICE/CONTRACTING OFFICE_____

)NTRACTING OFFICER_____ _____ _____
Name Office Symbol Phone

APPENDIX 13 COMPLETED CONTRACT SUMMARY SHEET

COMPLETED CONTRACT SUMMARY SHEET

CONTRACT #_____ PROVISIONER_____

EQUIPMENT NAME_____ DATE ASSIGNED_____

$ VALUE OF EQUIP_____ DATE COMPLETED_____

NO. OF SYSTEMS_____ NO. OF SITES_____

TOTAL PPL L/I_____ TOTAL PPL L/I SELECTED_____

LINE ITEMS ACQUIRED:

Parts Common_____ Total L/I_____ Total $ Value_____

Expendable	Record	L/I	
	Nonrecord	L/I	
E&R	Record	L/I	
	Nonrecord	L/I	

Parts Peculiar_____ Total L/I_____ Total $ Value_____

Expendable	Record	L/I	
	Nonrecord	L/I	
E&R	Record	L/I	
	Nonrecord	L/I	

TOTAL LINE ITEMS ACQUIRED: Total L/I_____ Total $ Value_____
(Common & Peculiar)

ISSAC's No. L/I_____ $ Value One ISSAC_____

SCHEDULE "A" No. L/I_____ $ Value One Site Authorization_____

SPARES PROVIDED BY SPEC FAA-G-1375
No. L/I_____ Est Total $ Value_____

WORK ORDER NUMBER_____

NOTE: Record Item- Items on unit record at time of screening.
Nonrecord Item - Items ass to unit record as result of provisioning.
Estimated total $ value of 1375 spares will be projected from PPL prices.

PROVISIONER	UNIT	SYSTEM NAME*	PROGRAM OFFICE	BROWN BOOK NBR	NBR OF SYS	E&R LRUS PER/SYS	TOTAL E&R LRUS/POP	ANNUAL E&R TRANS	PROV CONF DATE	DATE DEPOT REQD SUPPORT	DATE LAST ORD	CONTRACT NO.	ICRS OPT YRS	ICRS F&E FND YEARS	ICRS OPS FND BGT DATE	ORG REP DATE	AAC-480 NEW CRS DATE
		PROVISIONING DATA															
BASS	A	100 KW EG	APS-130	6-07	32	3	96	6	Mar-89	Sep-89	Dec-89	DTFA0188C00065	0	0	Sep-89		Sep-89
BASS	A	100 KW E/G	APS-130	6-07	95	3	285	18	Oct-87	Jan-88	Aug-91	DTFA0286C86587	0	0	Jan-88		Jan-88
JOHNSON	A	10/20 RR (1st)	APS-540	2-11A	125	0	625	40	Aug-86	Nov-86	Oct-92	DTFA0166D00014	0	0	Nov-86		Nov-86
JOHNSON	A	10/20 RR (2ND)	APS-540	2-11A	173	0	865	55	Jun-88	May-88	Sep-92	DTFA0188D00006	0	0	May-88		May-88
BASS	A	125 KW E/G	APS-130	6-07	69	2	138	9	Oct-86	Oct-86	Nov-86	DTFA0285C85522	0	0	Oct-86		Oct-86
BASS	A	175 KW E/G	APS-130	6-07	23	10	230	15	Apr-87	Jul-87	Dec-87	DTFA0284C85600	0	0	Jul-87		Jul-87
LOVELACE	A	3LVL WX ARSR-3	APS-310	6-01C	27	9	243	15	Apr-90	Sep-90	Jan-00	N/A	0	0	Sep-90		Sep-90
LOVELACE	A	3LVWX RMM/CD-2	APS-310	6-16	127	24	3,048	193	May-90	Jun-91	Jun-92	FA79WA4212MOD28	0	0	Jun-91		Jun-91
BASS	A	50/75 KW E/G	APS-130	6-07	26	3	78	5	Jul-87	Mar-87	Aug-87	DTFA0285C85572	0	0	Mar-87		Mar-87
JONES	A	AAS ACCC	AAP-200	1-12B	25	4,466	111,650	1,340	Feb-94	Feb-96	Jan-98	DTFA0188C00042	10	1	Feb-97		Feb-2006
JONES	A	AAS ISSS	AAP-200	1-12B	22	2,069	45,518	546	Oct-91	Jan-95	Oct-96	DTFA0188C00042	10	1	Jan-96		Jan-2005
JONES	A	AAS FAMRI	AAP-200	1-12B	24	160	3,840	243	Dec-90	Oct-92	Jul-93	DTFA0188C00042	10	1	Oct-93		Oct-2002
JONES	A	AAS TAAS	AAP-200	1-12B	25	4,466	111,650	1,340	Jan-93	Jan-95	Oct-96	DTFA0188C00042	10	1	Jan-96		Jan-2005
JONES	A	AAS TCCC	AAP-200	1-12B	300	4,466	1,339,800	16,078	Mar-95	Mar-97	Nov-99	DTFA0188C00042	10	1	Mar-98		Mar-2007
GRUBAUGH	B	ADAS	APS-340	3-09	25	10	250	16	Sep-90	Aug-91	May-93	DTFA0189C00042	3	1	Aug-92		Aug-94
ECKERD	B	ADS	ASA-210	7-10	3	10	30	2	May-90	Dec-90	Dec-91	TBD	?	?	Dec-90		Dec-90
ECKERD	B	AFLP	ASN-410		69	10	690	44	May-90	May-90	Sep-90	DTFA0185C00036	0	0	May-90		May-90
CARTER	A	AG/RFI	APS-540	7-30	1000	1	1,000	63	Jan-91	Sep-91	Jan-95	TBD	3	0	Sep-91		Sep-94
GRUBAUGH	B	ALSF-2/SSALR	APS-410		42	16	672	42	Feb-87	Mar-87	Apr-88	DTFA0184C00028/34	0	0	Mar-87		Mar-87
FERGUS-O'BRIEN	A	AMASS	ARD-100		31	30	930	59	Feb-91	Feb-92	Dec-93	TBD	?	?	Feb-92		Feb-92
TILFORD	B	ANGRN-27	APS-440		396	6	2,376	150	Jan-87	Mar-87	Oct-87	DTFA0185Y01005	0	0	Mar-87		Mar-87
TILFORD	B	ARMS	APS-440	6-01G	606	20	12,120	766	Oct-87	Jun-89	Oct-93	DTFA0185Y01054	1	1	Jun-90		Jun-90
JOHNSON	A	ARSR-3 RMM	APS-310	6-01G	23	16	368	23	Nov-89	Apr-90	Jun-91	VARIOUS	0	0	Apr-90		Apr-90
PALUCH	A	ARSR-4	APS-320	4-15A	41	200	8,200	519	Sep-91	Dec-92	Jan-96	DTFA0188C00037	?	?	Dec-92		Dec-92
PALUCH	A	ARSR-5	APS-300	7-92	63	234	14,742	932	Mar-95	Mar-96	Dec-99	TBD	?	?	Mar-96		Mar-96
ECKERD	B	ARTS II ENH	ANA-120	2-06	95	15	1,425	90	Nov-86	Aug-88	Feb-90	DTFA0185C00040	0	0	Aug-88		Aug-88
ECKERD	B	ARTS IIA ISP	ANA-120	8-51	20	70	1,400	89	May-90	May-91	Dec-92	TBD	4	1	May-92		May-95
ECKERD	B	ARTS IIA I/F	ANA-120	2-09	75	1	75	5	Nov-88	Nov-89	Sep-92	DTFA0185C00040	0	0	Nov-89		Nov-89
ECKERD	B	ARTS IIA(TPX42	ANA-120	2-17	38	72	2,736	173	Sep-86	Jul-88	Feb-90	DTFA0185C00040	0	0	Jul-88		Jul-88
ECKERD	B	ARTS IIIA ENH	ANA-150	2-2/5	35	438	15,330	969	Sep-86	Feb-87	Mar-88	DTFA0181C20010	0	0	Feb-87		Feb-87
ECKERD	B	ARTS IIIA ISP	ANA-150	8-51	63	70	4,410	279	Dec-90	Dec-91	May-93	DTFA0189C00058	5	1	Dec-92		Dec-96
FERGUS-O'BRIEN	A	ASDE-3	APS-310	4-14	36	300	10,800	683	Aug-89	Dec-90	Jan-92	DTFA0185C00054	3	1	Dec-91		Dec-93
FERGUS-O'BRIEN	A	ASDE-4	APS-310	7-81	36	300	10,800	683	Jul-96	Jul-97	Jul-98	TBD	?	?	Jul-97		Jul-97
GRUBAUGH	B	ASOS	APS-340		537	N/A	0	0	N/A	Jan-00	Jul-94	DTFA0188Z02004	NOAA CONT LOG SPT				
CUDJO	A	ASR-10	ARD-300		209	400	83,600	5,287	?	?	?	TBD	?	?	Jan-00		Jan-00
VIVIAN	A	ASR-9	ASA-140	4-13	123	400	49,200	3,111	Aug-87	May-89	Oct-92	DTFA0183C20027	0	0		May-89	
CUDJO	A	ATCBIRE (MD-S)	APS-300	7-91	199	50	9,950	629	Jul-95	Jul-97	Dec-99	TBD	?	?	Jul-97		Jul-97
JOHNSON	A	ATCBI-5 RMM	APS-310	6-01G	16	30	480	30	Nov-89	Apr-90	Jun-91	VARIOUS	0	0	Apr-90		Apr-90
VIVIAN	A	ATCRBS RJ MOD	APS-310		34	15	510	32	Sep-89	Aug-89	Apr-90	DTFA0188C00007	0	0	Aug-89		Aug-89
BASS	A	ATIS	APS-540	2-10	250	0	0	0	Feb-83	Sep-85	Jan-90	DTFA0182C20010	NO E&R ITEMS				
BASS	A	AWIS	APS-330		543	N/A	0	0	Jan-00	Jan-00	Jan-00	DTFA0188Y01014	CMLS				
GRUBAUGH	B	AWOS	APS-530	3-09	160	20	3,200	202	Jan-96	Jan-97	Jan-92	DTFA0188C00041	FIVE-YEAR CMLS				
BASS	A	A/G TX/RX	ANC-130	7-31	1134	5	5,670	359	Jul-91	Jul-92	Jul-93	TBD	?	?	Jul-92		Jul-92
NETTLETON	B	CCMSR	ASM-154	6-09	23	15	345	22	Jan-00	Jan-00	Jan-00	TBD	PERSONAL COMPUTER				
LOVELACE	A	CD-2	APS-310		127	73	9,271	586	Jan-83	May-84	Mar-88	FA79WA4212	0	0	May-84		May-84
ECKERD	B	CRT/RRH	APS-530	8-51	189	N/A	0	0	Jan-00	Jan-00	Jan-00	TBD	NWS LOG SPT				
ECKERD	B	DARC ENH	ANA-100	1-03	22	21	462	29	Aug-83	May-86	Jul-89	DTFA0182C20032	0	0	May-86		May-86
CARTER	A	DCE(AG/RCE)	APS-520	VAR	500	6	3,000	190	?	?	?	TBD	?	?	?		?
PALUCH	B	DF-PH III(VDF)	APS-420	4-11C	130	30	3,900	247	Mar-89	Mar-91	May-90	DTFA0185Y01003	1	1	Mar-92	ICDLS	Mar-92
CARTER	A	DLP	APS-520	3-05	24	175	4,200	266	Jun-90	Jun-92	Aug-93	DTFA0188C00034	8	1.3	Sep-93		Jun-2000
CARTER	A	DLP ENH	APS-500	7-80	22	20	440	28	Jan-94	Oct-95	Oct-98	TED	?	?	Oct-95		Oct-95
VIVIAN	B	DMN (DATAMUX)	APS-510	5-02A	625	20	12,500	791	Jun-90	Sep-90	Apr-95	TED	10	10	Sep-2000		Sep-2000
VIVIAN	B	DMN (PH 1&2)	APS-510	5-02A	1782	40	71,280	4,508	Sep-88	Sep-89	Sep-89	DTFA0188C00038	5	5	Sep-94		Sep-94

Figure 1 Correspondence acknowledging receipt of Provisioning Technical Documentation.

U.S. Department of Transportation
Federal Aviation Administration

Memorandum

Page Update May 1, 1991

Subject: INFORMATION: Contract _____ Provisioning Technical Documentation Date:

From: Supervisor, NAS Project and Provisioning Section, AAC-485 Reply to Attn. of:

To: Contracting Office, ALG-_____

This letter is to acknowledge receipt of the following provisioning technical documentation provided in accordance with the terms of subject contract:

MIL-STD-1388

[ ] Incremental Delivery "A" Mag Tape

[ ] Incremental Delivery "B" Mag Tape

[ ] Incremental Delivery "C" Mag Tape

[ ] Incremental Delivery "D" Mag Tape

[ ] Incremental Delivery "E" Mag Tape

IAW FAA-G-1210D

[ ] Provisioning Parts List (PPL) Hardcopy

[ ] Long Lead Items List (LLL) Hardcopy

[ ] Numerical Parts List (NPL) Hardcopy

You will be advised of the acceptance or rejection of the above item(s) upon completion of our review and coordination.

Bill Martin

cc: Program Office
AAC-402
ANS-420

Figure 2: Correspondence acknowledging receipt of Provisioning Technical Docementation

U.S. Department of Transportation
Federal Aviation Administration

Memorandum

Page Update May 1, 1991

Subject: INFORMATION: Contract _____ Date:
Provisioning Technical Data

From: Supervisor, NAS Project and Provisioning Section, AAC-485

Reply to Attn. of:

To: Contracting Office, ALG-_____

This letter is to inform you that the provisioning technical documentation (PTD) items checked below which were provided in accordance with the terms of the subject contract is/are acceptable:

MIL-STD-1388

[ ] Incremental Delivery "A" Mag Tape

[ ] Incremental Delivery "B" Mag Tape

[ ] Incremental Delivery "C" Mag Tape

[ ] Incremental Delivery "D" Mag Tape

[ ] Incremental Delivery "E" Mag Tape

IAW FAA-G-1210D

[ ] Provisioning Parts List (PPL) Hardcopy

[ ] Long Lead Items List (LLL) Hardcopy

[ ] Numerical Parts List (NPL) Hardcopy

Bill Martin

cc: Program Office
AAC-402
ANS-420

LSAR DATA SELECTION SHEETS
DD FORM 1949-1
PART II "H" RECORDS

The following pages of this appendix are the "H" records of DD Form 1949-1 which lists the FAA Data Element Description (DED) requirements used to build the automated parts master File. The 1949-1 is included as a part of the logistics portion of the contract and requires the contractor to record and deliver data for every element that is marked with an "X". This data, as part of the automated parts master file, is then used by FAA to produce a hard copy provisioning parts list (PPL) and to make timely and economical logistic support decisions. Each DED selected represents additional cost to the government. The cost of each DED is variable, depending on the amount of research and analysis required by the contractor to produce and record the data. Therefore, the number of DED's selected should be held (tailored) to the fewest number needed for FAA to establish logistic support timely and economically. You should keep in mind, in some cases, the DED has already been requested as a part of "A thru J" records and should not be duplicated. Developmental systems will require more DED's than commercial off the shelf (COTS) systems.

The sample 1949-1 in this appendix has been annotated to show the absolute minimum DED's required to produce a hard copy PPL for any type system (COTS, MOD-COTS, or Developmental). Additional DED's are selected depending on the type of system and the maintenance plan. The additional DED's are to obtain other special information(i.e. SAIP information, DLSC screening, precious metal indicators, essentiality code, PHS&T) not listed on the PPL but needed for making timely and/or life cycle logistic support decisions. This special information can then be obtained from other lists or reports produced from the parts master file. The responsible FAALC organization for selecting these additional DED's involves not only the AAC-480 provisioner, but AAC-430 who may want to procure PHS&T data, or AAC-490 who may want to procure DLSC screening, and AAC-440 who may want to procure overhaul and maintenance rate data.

PART II

LSAR DATA SELECTION SHEET

LSA-036 REPORT SELECTION	REQD	LLTIL	PPL	SFPPL	CBIL	RIL	ISIL	PCL	TTEL	SCPL	DCN
SEQUENCE											
LOGISTIC SUPPORT ANALYSIS RECORD CONTROL NUMBER — TOPDOWN	X										
DISASSEMBLY											
REFERENCE DESIGNATION											
REFERENCE NUMBER	X										
MEDIA											
HARD COPY											
EAM PUNCHED CARDS											
7-TRACK ☐ EVEN PARITY ☐ BCD CODED ☐											
9-TRACK ☒ ODD PARITY ☒ EBCDIC CODED ☒											
800 BPI ☐ 1600 BPI ☒ 6250 BPI ☐											
NUMBER OF RECORDS PER BLOCK IS: 20											
HEADER DATA											
PROCUREMENT INSTRUMENT IDENTIFICATION (PIIN/SPIIN)	X										
NOMENCLATURE OR MODEL OR TYPE NUMBER	X										
CONTROL DATA											
PRIME FEDERAL SUPPLY CODE FOR MANUFACTURERS (FSCM)	X										
SUBMISSION CONTROL CODE	X										
DATE (YYMMDD)	X										

H RECORD CARD AND BLOCK NUMBER	LSA-036 REPORT CARD AND BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REQD	LLTIL	PPL	SFPPL	CBIL	RIL	ISIL	PCL	TTEL	SCPL	DCN
			AUTOMATED	X										
			MANUAL											
01-1	A-6	372	REFERENCE NUMBER (All H cards) ▲	X										
01-2.		421	SIGNIFICANT CHARACTER CODE (All H cards as required) ▲											
01-3		345	PROVISIONING SYSTEM IDENTIFIER CODE (All H cards)											
01-4	A-5	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	X										
01-5	A-7	373	REFERENCE NUMBER CATEGORY CODE (FOR DLSC SCREENING)	X										
01-6	A-10	337	PROGRAM PARTS SELECTION LIST											
01-7	A-8	375	REFERENCE NUMBER VARIATION CODE (FOR DLSC SCREENING)	X										
01-8	A-9	096	DOCUMENT AVAILABILITY CODE											
01-9	A-12	181	ITEM NAME	X										
01-10		346	PROVISIONING TECHNICAL DOCUMENTATION SELECTION CODE	X										
01-11	B-21	355	QUANTITY PER UNIT PACK											
01-12	C-37	498	TOTAL QUANTITY RECOMMENDED	X										
01-13	B-24	336	PRODUCTION LEAD TIME											
01-14	D-48	441	SPECIAL MATERIAL CONTENT CODE											
01-15	D-49	341	PROVISIONING LIST CATEGORY CODE											
01-16	D-50	439	SPECIAL MAINTENANCE ITEM CODE											
01-17	B-25	152	HARDNESS CRITICAL ITEM											

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DD Form 1949-1 — Previous editions are obsolete. ▲ Required for automated processing.

PART II

LSAR DATA SELECTION SHEET

H/H1 RECORD CARD AND BLOCK NUMBER	LSA-036 REPORT CARD AND BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REQD	LLTIL	PPL	SFPPL	CBIL	RIL	ISIL	PCL	TTEL	SCPL	DCN
01-18	B-27	325	PRECIOUS METAL INDICATOR CODE	X										
01-19		535	UPDATE CODE (Applies to complete H Record)	X										
02-4	A-6	374	REFERENCE NUMBER OVERFLOW	X										
02-5	B-15	259	NATIONAL STOCK NUMBER AND RELATED DATA	X										
02-6	B-18	521	UNIT OF ISSUE	X										
02-7	B-19	523	UNIT OF ISSUE PRICE	X										
02-8	B-20	522	UNIT OF ISSUE CONVERSION FACTOR											
02-9	A-13	415	SHELF-LIFE	X										
02-10	A-14	416	SHELF-LIFE ACTION CODE	X										
03-4		051	CARD SEQUENCING CODE	X										
03-5	A-6	009	ADDITIONAL REFERENCE NUMBER	X										
03-6	A-5	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	X										
03-7	A-7	373	REFERENCE NUMBER CATEGORY CODE (FOR DLSC SCREENING)	X										
03-8	A-8	375	REFERENCE NUMBER VARIATION CODE (FOR DLSC SCREENING)	X										
03-9	C-40	216	MAXIMUM ALLOWABLE OPERATING TIME											
03-10	C-41	203	MAINTENANCE ACTION CODE											
03-11	B-26	320	PHYSICAL SECURITY/PILFERAGE CODE											
03-12	B-28	035	AUTOMATIC DATA PROCESSING EQUIPMENT CODE											
03-13	D-51	020	ALLOWANCE ITEM CODE											
03-14	D-52	021	ALLOWANCE ITEM QUANTITY											
03-15	E-65	180.1	ITEM MANAGEMENT CODE		X	X	X	X	X	X	X	X	X	X
03-16		080.2	DEFENSE LOGISTICS SERVICES CENTER SCREENING		X	X	X	X	X	X	X	X	X	X
			REQUIREMENT/RESULT CODE											
04-4		051	CARD SEQUENCING CODE	X										
04-5	B-17	525	UNIT OF MEASURE PRICE		X	X	X	X	X	X	X	X	X	X
04-6		201	LOT QUANTITY		X	X	X	X	X	X	X	X	X	X
04-7		075	CURRENT PRODUCTION CODE		X	X	X	X	X	X	X	X	X	X
04-8		514	TYPE OF UNIT OF MEASURE PRICE CODE		X	X	X	X	X	X	X	X	X	X
04-9		347	PROVISIONING UNIT OF MEASURE PRICE CODE		X	X	X	X	X	X	X	X	X	X
04-10		141	FISCAL YEAR											
04-11	B-16	524	UNIT OF MEASURE											
04-12	E-62	066	CONTRACTOR TECHNICAL INFORMATION CODE											
04-13	E-63	004	ACQUISITION METHOD CODE	X										
04-14	E-64	005	ACQUISITION METHOD SUFFIX CODE		X	X	X	X	X	X	X	X	X	X
04-15		139	FEDERAL SUPPLY CODE FOR MANUFACTURERS											
05-4	J-88	038	BASIS OF ISSUE											
			LSAR DATA RECORD H1											
			AUTOMATED	X										
			MANUAL		X									
09-1	A-6	372	REFERENCE NUMBER (All H1 cards)	X	X	X	X	X	X	X	X	X	X	X
09-2		421	SIGNIFICANT CHARACTER CODE (All H1 cards as required)	X										
09-3	H-78	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER (All H1 cards)	X	X									
09-4	H-79	023	ALTERNATE LSA CONTROL NUMBER (All H1 cards as required)	X		X	X	X	X	X	X	X	X	X
09-5		345	PROVISIONING SYSTEM IDENTIFIER CODE	X	X	X	X	X	X	X	X	X	X	X
09-6		051	CARD SEQUENCING CODE	X	X									
09-7	D-44	536	USABLE ON CODE	X	X									
			OPTION 1											
			OPTION 2		X									
			OPTION 3	X	X	X	X	X	X	X	X	X	X	X
09-8		535	UPDATE CODE (All H1 cards)											

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DD 1949-1

PART II

LSAR DATA SELECTION SHEET

H1 RECORD CARD AND BLOCK NUMBER	LSA-036 REPORT CARD AND BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REQD	LLTIL	PPL	SFPPL	CBIL	RIL	ISIL	PCL	TTEL	SCPL	DCN
			⚠	X										
10-6		051	CARD SEQUENCING CODE	X										
10-7	A-1	340	PROVISIONING CONTRACT CONTROL NUMBER	X										
10-8	A-4	157	INDENTURE CODE											
			ATTACHING HARDWARE											
			OPTION 1											
			OPTION 2											
			OPTION 3		X									
			OPTION 4 (DOWN TO COMPONENT LEVEL)											
			OPTION 5											
			KIT											
			OPTION 1											
			OPTION 2											
			OPTION 3		X									
10-9	A-2	347	PROVISIONING LIST ITEM SEQUENCE NUMBER		X									
10-10	A-3	509	TYPE OF CHANGE CODE		X									
10-11	C-33	352	QUANTITY PER END ITEM		X									
			OPTION 1		X									
			OPTION 2											
10-12	C-29	261	NEXT HIGHER ASSEMBLY PROVISIONING LIST ITEM SEQUENCE NUMBER (NHA PLISN)											
10-13	C-30	262	NHA PLISN INDICATOR											
10-14	C-31	298	OVERHAUL REPLACEMENT RATE		X									
10-15	C-38	397	SAME AS PROVISIONING LIST ITEM SEQUENCE NUMBER											
10-16	C-39	335	PRIOR ITEM PROVISIONING LIST ITEM SEQUENCE NUMBER											
10-17	C-32	351	QUANTITY PER ASSEMBLY		X									
			OPTION 1		X									
			OPTION 2											
10-18		197.1	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER INDENTURE CODE											
10-19		461	SUPPRESSION INDICATOR CODE			X								
11-6		175	ITEM CATEGORY CODE			X								
11-7	B-22	436	SOURCE, MAINTENANCE, RECOVERABILITY CODE				X							
11-8	B-23	087	DEMILITARIZATION CODE											
11-9	C-34	206	MAINTENANCE REPLACEMENT RATE 1				X							
			OPTION 1				X							
			OPTION 2											
11-10	C-35	207	MAINTENANCE REPLACEMENT RATE 11											
			OPTION 1											
			OPTION 2											
11-11	C-36	208	MAINTENANCE REPLACEMENT RATE MODIFIER											
11-12	E-58	209	MAINTENANCE TASK DISTRIBUTION											
12-6	A-11	108	ESSENTIALITY CODE											
12-7	C-43	193	LINE REPLACEABLE UNIT											
12-8	C-42	266	NOT REPARABLE THIS STATION											
12-9	D-57	086	REPAIR SURVIVAL RATE											
12-10	D-53	250	MINIMUM REPLACEMENT UNIT											
12-11	D-55	064	RECOMMENDED INITIAL SYSTEM STOCK BUY											
12-12	D-54	065	RECOMMENDED MINIMUM SYSTEM STOCK LEVEL											
12-13	D-56	067	RECOMMENDED TENDER LOAD LIST QUANTITY											
12-14	E-61	090	DESIGNATED REWORK POINT											
12-15	E-66	079.1	REMAIN-IN-PLACE INDICATOR											

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DD Form 1949-1

PART II

LSAR DATA SELECTION SHEET

MT RECORD CARD AND BLOCK NUMBER	LSA-036 REPORT CARD AND BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REOD	LLTIL	PPL	SFPPL	CBIL	RIL	ISIL	PCL	TTEL	SCPL	DCN	
12-16		080	DATA RECORD STATUS CODE												
13-6	E-59	385	REPAIR CYCLE TIME												
			OPTION 1												
			OPTION 2												
13-7	E-60	391	REPLACEMENT TASK DISTRIBUTION												
14-6		051	CARD SEQUENCING CODE ▲												
14-7	D-45	369	REFERENCE DESIGNATION												
			REFERENCE DESIGNATION ORIENTED EQUIPMENTS												
			OPTION 1												
			OPTION 2												
			NON-REFERENCE DESIGNATION ORIENTED EQUIPMENTS												
			OPTION 3												
			OPTION 4												
			OPTION 5												
14-8	E-46	371	REFFRENCE DESIGNATOR OVERFLOW CODE												
14-9	E-47	370	REFERENCE DESIGNATION CODE												
15-6		051	CARD SEQUENCING CODE ▲												
15-7	J-81	479	TECHNICAL MANUAL CODE												
15-8	J-82	140	FIGURE NUMBER												
15-9	J-83	182	ITEM NUMBER												
15-10	J-84	478	TECHNICAL MANUAL CHANGE NUMBER												
15-11	J-85	480	TECHNICAL MANUAL INDENTURE CODE												
15-12	J-86	353	QUANTITY PER FIGURE												
15-13	J-87	545	WORK UNIT CODE/TECHNICAL MANUAL FUNCTIONAL GROUP CODE												
16-6		481	TECHNICAL MANUAL INDICATOR												
16-7		051	CARD SEQUENCING CODE ▲												
16-8	K-89	343	PROVISIONING NOMENCLATURE												
17-6		051	CARD SEQUENCING CODE ▲		X										
17-7	F-67	052	CHANGE AUTHORITY NUMBER (DCN DATA)		X										
17-8	F-68	164	INTERCHANGEABILITY CODE (")		X										
17-9	F-69	411	SERIAL NUMBER EFFECTIVITY (")		X										
17-10	F-71	389	REPLACED OR SUPERSEDING PROVISIONING LIST ITEM												
			SEQUENCE NUMBER (")		X										
17-11	F-72	390	REPLACED OR SUPERSEDING PLISN INDICATOR (")												
18-6		051	CARD SEQUENCING CODE ▲												
18-7	F-67	052	CHANGE AUTHORITY NUMBER												
18-8	F-70	495	TOTAL ITEM CHANGES												
			OPTION 1												
			OPTION 2												
18-9	F-73	357	QUANTITY SHIPPED												
18-10	F-74	356	QUANTITY PROCURED												
18-11	G-76	338	PRORATED EXHIBIT LINE ITEM NUMBER												
18-12	G-77	339	PRORATED QUANTITY												
19-6		051	CARD SEQUENCING CODE ▲ (DCN DATA)		X										
19-7	F-67	052	CHANGE AUTHORITY NUMBER (")		X										
19-8	F-75	087	DESIGN CHANGE NOTICE USABLE ON CODE (")		X										
20-6		051	CARD SEQUENCING CODE ▲		X										
20-7	H-80	380	REMARKS		X										

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PART II

LSAR DATA SELECTION SHEET

CARD/ BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REQUIRED	COMMON	SPECIAL	SELECTIVE
06-4	051	CARD SEQUENCING CODE				
06-5	301	PACKAGING CATEGORY CODE				
06-6	245	METHOD OF PRESERVATION				
06-7	054	CLEANING AND DRYING PROCEDURE				
06-8	331	PRESERVATION MATERIAL CODE				
06-9	546	WRAPPING MATERIAL				
06-10	076	CUSHIONING AND DUNNAGE MATERIAL CODE				
06-11	077	CUSHIONING THICKNESS				
06-12	516	UNIT CONTAINER CODE				
06-13	168	INTERMEDIATE CONTAINER CODE				
06-14	169	INTERMEDIATE CONTAINER QUANTITY				
06-15	081	DEGREE OF PROTECTION CODE				
06-16	440	SPECIAL MARKING CODE				
06-17	527	UNIT PACK WEIGHT				
06-18	526	UNIT PACK SIZE				
06-19	442	SPECIAL PACKAGING INSTRUCTION NUMBER				
06-20	443	SPECIAL PACKAGING INSTRUCTION NUMBER REVISION				
06-21	303	PACKING CODE				
		PACKING CODE - LEVEL A				
		PACKING CODE - LEVEL B				
		PACKING CODE - LEVEL C/X				
07-4	051	CARD SEQUENCING CODE				
07-5	517	UNIT CONTAINER LEVEL				
07-6	062	CONTAINER NATIONAL STOCK NUMBER				
07-7	292	OPTIONAL PROCEDURE INDICATOR				
07-8	529	UNIT SIZE				
07-9	530	UNIT WEIGHT				
07-10	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS				
07-11	154	HAZARDOUS CODE				
07-12	454	SUPPLEMENTAL PACKAGING DATA				
08-4	051	CARD SEQUENCING CODE				
08-5	455	SUPPLEMENTAL PACKAGING DATA OVERFLOW				
01-11	355	QUANTITY PER UNIT PACK				

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DD Form 1949-1

PROVISIONING PARTS LIST (PPL) REVIEW CHECKLIST

1. Unit prices either missing or obviously wrong.

2. Sequence number does not indicate proper top-down breakdown or next higher assembly.

3. Parts peculiar items not identified (ICC "I").

4. Any data missing on PPL which has been checked (X) as a requirement on the 1949-1.

5. "UOC" will be constant if only one end item configuration.

6. SMR codes are complete.

7. Sub-systems not broken down to LRU and/or repair piece part level as required.

Also, after tentatively accepting a PPL, there may be questionable areas that you want to verify at the provisioning conference. Highlight these questionable areas with notes in the PPL and check them out during the provisioning process. The following are examples from an actual provisioning conference:

A. Motor assembly listed parts peculiar. Looked at drawing and part and found that the replaceable parts were vendor items and not parts peculiar. Annotated vendors part number and mfg. code. Universal Electronics P/N CB2F009N#. Motor with rotors was assembled by Zero Pak Products, Burbank, California.

B. Various cable assemblies without connectors. Identified and added appropriate connector part numbers and vendors.

C. Integrated circuits (IC's) reflected contractors part number only. However, after questioning found that they had vendor parts numbers. We obtained a cross reference list of IC's showing contractors part number crossed to vendor part numbers.

D. Items listed as "micro circuit" same as IC's or PROM's.

E. Spot checked various CCA drawings to establish credibility that revisions had been incorporated in PPl and all parts listed.

F. Found discrepancy in the "End Article Qty" on an oscillator due to "same as" not being identified. This was suspicioned prior to provisioning conference as the NPL showed 80 MHZ in one place and 8.0 MHZ in another.

G. Found some REV's (P/N changes) that the contractor had made since our PPL was printed. Obtaining this type of information was solely dependant on the contractor keeping REV's posted to drawings.

H. In looking at a CCA part and drawing, a connector was discussed. It showed as available from one vendor, Burndy-Europa (over seas) but the contractor said they had recently found two American manufacturers who makes chinese copies. The contractors reliability department is getting the names, vendor codes, and P/N's for the two.

I. Questioned "Electronic Component Assembly" which showed only one diode in PPL breakdown. Looked at drawing and part and verified as correct.

J. Note: Whenever the provisioner questioned a line item, he/she wrote the explanation in the far right hand column of PPL. Any change to part number noun, etc., was annotated in the appropriate blank. Any unanswered questions, he/she inserted a slip of paper with question written on slip. This marked the page in the PPL with unanswered questions. When the contractor came up with the answer (sometimes 1-2 hours later, the provisioner could easily locate the page, remove the slip, and annotate the information in the PPL.

K. PROM's or IC's - on all PROMS, the vendor code and P/N of the blank PROM was written in the right margin. The blank PROM P/N and vendor code was picked up from the drawing.

L. At each new sub-assembly or "indent C" in this PPL, the provisioner had the drawing pulled to look for anything unusual. The FAA Engineer is very useful doing this. Checked to see if one was a CCA or Mother-board. Engineer determined that it was a mother board with nothing unusual.

M. Insulator-checked to see if actually parts peculiar as shown. Drawing showed "Glass epoxy sheet" (.008" thick), fabricated by the contractor. Application was questioned and Engineer determined that item is used between mother-board and chassis with little chance of needing replacement. Annotated "don't buy" in PPL.

N. Wire Wrap Boards - questioned what these boards consisted of. Found that they consisted of blank board with wire wrap and soldered in components without IC's. Unpopulated boards. NOTE: We do not want unpopulated boards but that is what the contractor proposed to furnish as parts peculiar. This will have to be resolved between contracting officers.

O. CCA's - Picked up function (Target correlator, Quantitizer, etc.) and annotated functions in PPL. Info obtained from drawings.

P. Found some hardware with contractor part number only which indicated parts peculiar. Drawings showed a standard screw with special painted head. Obtained copies of contractor drawings to cross-reference part number to standard Mil-spec hardware.

Q. Panel Meter - contractor P/N only. Contractor getting copy of their P.O. to get vendor P/N.

R. FAA Engineer got a complete list of all PROM's in equipment which includes PROM P/N, NHA P/N, blank PROM P/N, and matrix configuration.

S. Switch assembly - question whether item is a vendor part or source controlled part. After looking at drawing and part it was the key board laminated plate with surrounding frame and connectors. The laminated plate was made by a local company but source controlled by contractor. Could be broken but should stock as insurance only. Three different configurations of plate. Production cost approximately - $2,500.00.

SAMPLE PARAGRAPHS FOR CONTRACT STATEMENTS OF WORK (SOW)

SOW's are included in the contract to specificly identify logistics requirements. The SOW is a general brief statement to provide some insight and clarification of the CDRL/DID requirements that should help the potential bidders understand the requirements. SOW's should always reference any applicable CDRL.

3.6 LOGISTICS

3.6.1 INTEGRATED LOGISTICS SUPPORT (ILS) PROGRAM.

The Contractor shall plan, manage and execute an ILS program in accordance with the requirements contained herein. The ILS program is the total set of tasks, both management and execution required to accomplish the objectives stated in MIL-STD-1388-1A and 2B.

3.6.1.1 ILS PROGRAM PLANNING

The Contractor shall prepare and submit to the Government for approval an Integrated Support Plan (ISP) in accordance with the requirements of the Contract Data Requirements List (CDRL) F 001.

3.6.1.2 JOINT NATIONAL AIRSPACE INTEGRATED LOGISTIC SUPPORT MANAGEMENT TEAM (NAILSMT)

A Joint Government/Contractor NAILSMT shall be established to serve as the primary management vehicle for monitoring the status of the ILS program implementation. The chairperson of the NAILSMT shall be appointed by the Government. The NAILSMT shall provide a means for coordinating, monitoring schedules and contract performance, thereby insuring adequacy, timeliness, and compliance with established regulatory guidance and contractual requirements.

3.6.1.2.1 NAILSMT MEETINGS SUPPORT AND PARTICIPATION.

The Contractor shall provide administrative support for, and participate in the NAILSMT meetings. The Contractor shall assure participation of subcontractor personnel when directed by the Government. The Contractor shall identify and document items requiring action at a Joint NAILSMT meeting. These action items shall be submitted as agenda items for each NAILSMT meeting. The Contractor shall attend, participate and take minutes of all NAILSMT meeting. The Contractor shall be assigned open agenda items for resolution. The Contractor shall prepare a summary listing of open action items which identifies the organizational entity assigned responsibility for resolution and the target date for completion of each action item. The NAILSMT shall meet periodically, normally quarterly but at least semiannually through the first year after contract award, to review and assess ILS program progress. The meetings shall be held at times and places mutually agreeable to the NAILSMT chairperson and the Contractor. The Contractor and members of the NAILSMT shall submit proposed agenda topics for each meeting to the chairperson. As a minimum, the agenda shall provide for status reporting and analysis of problem areas.

3.6.1.2.2 SUBCONTRACTOR/VENDOR CONTROL.

The Contractor shall establish, maintain and be held responsible for accomplishment of subcontractor/vendor ILS. The Contractor shall negotiate (via contract) with the subcontractors/vendors for services and data required to satisfy ILS program requirements. The Government shall determine the necessity of contractors/vendors attendance at applicable conferences.

3.6.2 LOGISTICS SUPPORT ANALYSIS (LSA)

3.6.2.1 **LSA TASKS**

The contractor shall perform the following task as described in MIL-STD-1388-1A.

TASK 102 ALL Logistic Support Plan

TASK	103 ALL	Program and Design Reviews
SUBTASK	303.2.7	Repair Level Analysis
SUBTASK	401.2.8	Provisioning Documentation
SUBTASK	401.2.10	Reports for ILS Documentation
SUBTASK	401.2.11	Update of LSAR Data
TASK	403 ALL	Post Production Support Analysis

The Contractor shall include those tasks required for the provisioning of all spare and repair parts in accordance with MIL-STD-1388-2B, MIL-STD-1561B, DD Form 1949-1 (LSAR Data Selection Sheet) and DD Form 1942-2 (Provisioning Requirements Statements).

3.6.2.2 LSA CANDIDATE SELECTION PROCEDURES AND CRITERIA.

Systems, subsystems, end items, components, assemblies, subassemblies, support and test equipment, training equipment that require documentation of operational and logistical support parameters and requirements, and all items for which the Government does not have an existing documented maintenance shall be candidates for LSA. Maintenance capability as used in this context includes, but is not limited to: Trained personnel; transportation and handling, logistic technical data, support and test equipment, supply support and facilities. The selection of LSA Candidate items shall be governed by the following:

a. The contractor shall prepare an initial list of LSA Candidates in consonance with the following criteria. The list shall include LSA control number (LCN), national stock number/ manufacturer's part number, and item name as available. The initial list of candidate items shall be augmented by the contractor as design engineering progresses. The following material shall be candidates for LSA:

1. Contractor-furnished installed equipment items that can or shall be inspected, tested, repaired, maintained, or overhauled as part of ON-EQUIPMENT maintenance of the ___.

2. Contractor-furnished installed equipment items that can or will be inspected, tested, repaired, maintained, or overhauled as part on OFF-EQUIPMENT maintenance from the system, subsystem, end item, component, assembly, subassembly with which they are functionally associated.

3. Contractor-furnished non-installed equipment, to include support and test equipment and training equipment.

4. Installed and non-installed GFE items when such analysis are required to interface GFE with contractor-furnished equipment or when usage/environment shall be different and/or to determine total support requirements of the ___.

5. Installed and non-installed GFE items for which the government-furnished data are inadequate or incompatible, and where such data are necessary to document ___ requirements.

b. The contractor shall include a list of items considered and recommended for LSA as well as a list of items considered and not recommended and the rationale for non-selection.

c. Equipment of a temporary nature (i.e.: special installation switches, temporary ports that may be removed within the contract maintenance period, transition switches, etc) should not be considered as candidates.

d. The government shall retain the right for final determination of candidate for selection, non-selection or revised or additional LSA tasking.

3.6.2.3 LSA AUTOMATED DATA PROCESSING (ADP) SYSTEM.

The Contractor shall develop and maintain LSAR data using a validated Automated Data Processing (ADP) system having, as a minimum, the capabilities described in paragraph 4.2.2.2. of MIL-STD-1388-2B.

3.6.2.4 LSAR DATA RECORDS.

The contractor shall prepare all LSAR data records in accordance with MIL-STD-1388-2B, MIL-STD-1561b, LSAR Data Selection Sheets (DD Form 1949-1) and the Provisioning Requirements Statement (DD Form 1949-2) or as directed at the LSA/Provisioning Guidance Conference. The Contractor shall not deviate from the specified LSAR formats or utilize any supplemental formats in the LSA plan.

3.6.2.5 LSAR DELIVERY.

The contractor shall deliver to the Government for approval the LSAR data in accordance with CDRL F 004, DD Form 1949-2 (Provisioning Requirements Statements) and DD Form 1949-1 (LSAR Data Selection Sheet) in the format described by DI-ILSS-81173 and Appendix A of MIL-STD-1388-2B.

The initial submittal of the LSAR data tables shall include data complete to extent commensurate with equipment design. Subsequent submittals shall include "change data" only, and accomplished in accordance with paragraph 30.3 of Appendix A of MIL-STD-1388-2B. (NOTE: "change data" includes additions as well as deletions and changes.)

3.6.2.6 LSAR DELIVERY SCHEDULE.

The Contractor shall incrementally deliver the LSAR to the Government in acceptable Magnetic tape format. The deliverable magnetic tapes shall be compatible with the Government's ADP System as identified in MIL-STD-1388-2B. The tape shall be prepared and submitted to the Government for approval.

3.6.2.7 LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER

The Contractor shall assign a Logistic Control Number to all equipment items as required under contract. The structure of the number will represent a hardware generation breakdown of the hardware and will include support and test equipment, training equipment, and installation hardware items. Each item in the equipment from the end item down to each individual piece part shall be assigned a unique LCN for each application of the item throughout the system to identify its relationship to the next higher-assembly. The Logistic Control Number structure shall agree with the hardware breakdown as it shall be displayed in the engineering drawings for the equipment.

The Contractor shall use the first three characters of the Logistic Control Number, the letters ___ in accordance with the A indenture level. Integration of subcontractor/vendor Logistic Control Numbers within the overall coding arrangement is required. The Contractor's proposed numbering system shall be developed in the LSA plan and will require Government approval.

3.6.2.8 VERIFICATION OF LSAR DATA

The Government shall reserve the right to periodically review and examine Contractor produced LSAR data, including LSAR input data records, LSAR output summaries, drawings, mockups, specifications, photographic reproductions etc., necessary to evaluate the Contractor's compliance with and satisfactory progress toward accomplishing the requirements established in the ___ specification. Review of data from the Contractor's LSAR program will be accomplished by members of the NAILSMT.

3.6.3 LOGISTIC CONFERENCES

3.6.3.1 LSA/PROVISIONING GUIDANCE CONFERENCE

The Contractor shall host and support a LSA/Provisioning Guidance Conference within thirty (30) days after contract award.

3.6.3.2 PROVISIONING/SUPPLY SUPPORT CONFERENCES

The Contractor shall support and host Provisioning/Supply Support conferences in accordance with the Provisioning Requirements Statements (DD Form 1949-2). The Contractor and subcontractor/ vendors, as determined by the Government, shall attend, participate in and contribute expertise to the Government in resolution of provisioning and/or supply support problems or issues. At the provisioning conference(s) the contractor shall provide the following data and services:

3.6.3.2.1 Provisioning Data

(i) **Drawings.** One complete set of assembly and detail drawings for each item that appears in the logistic support analysis record (LSAR) shall be available at the provisioning conference.

(ii) **Supplementary Provisioning Technical Documentation (SPTD).** SPTD (CDRL F002) shall be available at the provisioning conference.

(iii) **AN-MS Standards.** One set shall be available at the provisioning conference.

3.6.3.2.2 Provisioning Services

(i) Equipment(s) on contract shall be made available for the duration of the provisioning conference. The contractor shall furnish personnel and tools to disassemble the equipment(s) to the extent required by the government provisioning team.

(ii) Facilities with adequate accommodations shall be furnished for the government provisioning team and contractor personnel. The contractor will be advised as to the number of government representatives prior to the provisioning conference.

(iii) The contractor shall furnish a representative familiar with the provisioning documentation and a qualified engineering representative.

3.6.3.3 GENERAL CONFERENCES

General conferences may be held at any time during the life of the contract at the Governments discretion for the purpose of resolving provisioning and/or supply support problems or issues.

3.6.4 SPARE PARTS

3.6.4.1 SPARE PARTS PECULIAR

The contractor shall identify, quantify and deliver all items identified as part peculiar in accordance with FAA-G-1375c and the DD Form 1949-2 (Provisioning Requirements Statement).

3.6.4.2 ADDITIONAL SPARE PARTS PECULIAR (Optional CLIN)

The contractor shall deliver additional spare parts peculiar as ordered by the government. These additional spares parts peculiar shall be procured as a result of the provisioning conference. In the event the government decides to procure additional spare parts peculiar; fair and reasonable prices and terms of delivery shall be established by agreement between the contractor and the contracting officer. Such agreement shall be set forth in a modification to the contract.

3.6.4.3 SPARE PARTS - OTHER THAN PARTS PECULIAR (Optional CLIN)

The contractor shall deliver appropriate spare parts, LRUs, and assemblies as ordered by the government. These spares shall be procured as a result of the provisioning conference. During the contract, the government at its sole discretion may procure all, part, or none of the spare parts, LRUs, and assemblies which were identified at the provisioning conference. In the event the government decides to procure all or part of such spare parts, LRUs, and assemblies; fair and reasonable prices and terms of delivery shall be established by agreement between the contractor and the contracting officer. Such agreement shall be set forth in a modification to the contract.

3.6.5 DESIGN CHANGE NOTICE

The contractor shall provide Design Change Notices (DCN) for all changes that will affect the configuration of the system. The Design Change Notice process will be accomplished in accordance with MIL-STD-1388-2B, paragraphs 120.16 (Table HP - Design Change Information) and 120.18 (Table HR - Design Change Usable On Codes), and DD Form 1949-1.

Delivery of the Design Change Notice Data to the government will be accomplished in accordance with contract data requirements list (CDRL) F 003, and data item description (DID) DI-V-7009A.

3.6.6 POST PRODUCTION SUPPORT PLAN

The contractor shall develop a post production support plan in accordance with MIL-STD-1388-1A and CDRL F 005. This plan and associated costs will identify logistic support resource requirements for the equipment throughout it's remaining life along with the method to satisfy the requirements. The plan will identify diminishing resources for all spare parts and candidates for life cycle acquisitions.

3.6.7 PROVISIONING TECHNICAL DOCUMENTATION

The Contractor shall prepare and submit for Government approval the following technical documentation.

Supplementary Provisioning Technical Documentation in accordance with the requirements of CDRL F002.

LSAR DATA SELECTION SHEET
GENERAL INFORMATION

Selection of a data element shall constitute the selection of all data keys or data dependancies required to document the element in the LSAR. Where more than one data element code applies to a data selection, the Code column contains dashes (-). For narrative data, where each data element definition is separately selectable to a common data table, the code column is blank.

This Form consists of two sections. The first section consists of government furnished data. The second section consists of the LSAR Data Selection Sheets and is divided into three parts. Part I is LSAR data selected by an entry in the required column. Part II is LSAR provisioning data selected by an entry in the type of provisioning list. Part III is packaging data selected by an entry under a packing categorization.

Explanation of codes appearing under the KEY column are provided below:

KEY	KEY EXPLANATION
K	Data table key. It is required when any data element of the table is selected.
F	Foreign key. It originates in another data table and is required prior to a data element of the table being documented. Foreign keys appear only once on the data selection sheet within a major area, e.g., Task Analysis and Personnel and Support Requirement.
M	Mandatory data. It is a nonidentifying data element that is required when entering information in the data table.
G	Data element provided by the requiring authority.
B	Data element that is both a key/foreign key and is provided by the requiring authority.
A	Army peculiar data element.
N	Navy peculiar data element.
R	Air Force peculiar data element.
C	Marine Corps peculiar data element.

PART II *Provisioning Requirements*

MEDIA

7-Track	____	Even Parity	____	BCD Coded	____
9-Track	X	Odd Parity	X	ASCII ~~EBCDIC~~ Coded	X
800 BPI	____	1600 BPI	X	6250 BPI	____

Number of records per block is: 100

DD FORM 1949-1, MAR 91 *Previous editions are obsolete*

FIGURE 71. Example of DD-Form 1949-1.

LSAR DATA SELECTION SHEET
GENERAL INFORMATION

The appropriate code(s) for the header data and sequence should be entered in the appropriate spaces for the Type Provisioning Lists.

HEADER DATA

Procurement Instrument Identification (PIIN/SPIIN)
Nomenclature or Model or Type Number
Control Data
Prime Commercial and Goverment Entity
Submission Control Code
Date (YYMMDD)

P N C E S Y

Sequence (Provisioning List Item Sequence Number assignment):
Logistic Support Analysis Control Number
Topdown
Disassembly
Reference Designation
Reference Number

T D X R

Type Provisioning Lists

	Specify (T,D,X,R)	Required (P,N,C,E,S,Y)
Long Lead Time Items List (LLTIL)		
Provisioning Parts List (PPL)	NA	
Short Form PPL (SFPPL)		
Common and Bulk Items List (CBIL)		
Repairable Items List (RIL)		
Interim Support Items List (ISIL)		
Post Conference List (PCL)		
Tools and Test Equipment List (TTEL)		
System Configuration PPL (SCPPL)	NA	
Design Change Notices (DCN)		
As Required (ARA) and specified in the SOW		
As Required (ARB) and specified in the SOW		

PART III, *Packaging Requirements*

Common, MIL-STD-2073-1B, paragraph 3.3.1
Selective, MIL-STD-2073-1B, paragraph 3.3.2
Special, MIL-STD-2073-1B, paragraph 3.3.3

Other Instructions

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FIGURE 71. Example of DD-Form 1949-1.

LSAR DATA SELECTION SHEET
GENERAL INFORMATION

Header Data should be documented for each type provioning list identified.

Type Provisioning List (MIL-STD-1561) _____

HEADER DATA

Procurement Instrument Identification (PIIN/SPIIN) _____

Nomenclature or Model or Type Number _____

Control Data _____

Prime Commercial and Goverment Entity _____

Submission Control Code _____

Date (YYMMDD) _____

NA

NA

FIGURE 71. Example of DD-Form 1949-1.

LSAR DATA SELECTION SHEET
SECTION 1 GOVERNMENT FURNISHED DATA

This information should be filled out by the requiring authority and should pertain to the End Item only.

Table XA

End Item Acronym Code, DED 096 _____
Administrative Lead Time, DED 014 _____
Contact Team Delay Time, DED 052 _____
Contract Number, DED 055 _____
Cost Per Reorder Action, DED 061 _____
Cost Per Requisition, DED 062 _____
Demilitarization Cost, DED 077 _____
Discount Rate, DED 083 _____
Estimated Salvage Value, DED 102 _____
Holding Cost Percentage, DED 160 _____
Intial Bin Cost, DED 166 _____
Inital Cataloging Cost, DED 167 _____
Interest Rate, DED 173 _____
Inventory Storage Space Cost, DED 176 _____
Loading Factor, DED 195 _____
Operation Level, DED 271 _____
Operation Life, DED 272 _____
Personnel Turnover Rate Civ, DED 289 _____
Personnel Turnover Rate Mil, DED 289 _____
Productivity Factor, DED 300 _____
Recurring Bin Cost, DED 333 _____
Recurring Cataloging Cost, DED 334 _____
Retail Stockage Criteria, DED 359 _____
Safety Level, DED 363 _____
Support of Support Equipment, DED 421 _____
Transportation Cost, DED 466 _____
Type Acquisition, DED 478 _____
Type of Supply System Code, 484 _____

Table AI

Modeling Service Des. Code, DED 376 _____
Modeling O/M Level Code, DED 277 _____
Labor Rate, DED 189 _____
Number of Shops, DED 263 _____
Repair Work Space Cost, DED 352 _____
Required Days of Stock, DED 357 _____

Table AJ

O/M Level From, DED 277 _____
O/M Level To, DED 277 _____
Ship Distance, DED 085 _____
Ship Time, DED 379 _____

Table AK

Add. Supportability Consids, DED 010 _____
Add. Supportability Parameters, DED 011 _____
Oper. Mission Failure Def., DED 274 _____

PAGES 4—8 PROGRAM OFFICE OR APML WILL PROVIDE INFO FOR THESE PAGES.

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FIGURE 71. Example of DD-Form 1949-1.

LSAR DATA SELECTION SHEET
SECTION 1 GOVERNMENT FURNISHED DATA

This information should be filled out by the requiring authority and should pertain to the Item (LSA Control Number) under analysis.

Table XB
LSA Control Number, DED 199 _____

Table XC
Usable On Code, DED 501 _____

Table AA
Service Desginator Code, DED 376 _____
Required MTTR, DED 222 _____
Required Percentile, DED 286 _____
Required Ach. Availability, DED 001 _____
Required Inh. Availability, DED 164 _____
Operational MAMDT, DED 223 _____
Technical MAMDT, DED 223 _____
Required Operational MTTR, DED 236 _____
Required Technical MTTR, DED 236 _____
Number of Operating Locations, DED 262 _____
Crew Size, DED 064 _____
Total Systems Supported, DED 454 _____
RCM Logic Utilized, DED 345 _____

Table AB
Operational Reqt Indicator, DED 275 _____
Annual Number of Missions, DED 021 _____
Annual Operating Days, DED 022 _____
Annual Operating Time, DED 024 _____
Mean Mission Duration, DED 228 _____
Mean Mission Duration MB, DED 238 _____
Required Op. Availability, DED 273 _____
Required ALDT, DED 013 _____
Required Standby Time, DED 403 _____

Table AC
O/M Level, DED 277 _____
Maintenance Level MaxTTR, DED 222 _____
Maintenance Level Percentile, DED 286 _____
Number of Systems Supported, DED 265 _____
Maint. Level Scheduled AMH, DED 020 _____
Maint. Level Unscheduled AMH, DED 020 _____
Scheduled MH/Operating Hour, DED 215 _____
Unscheduled MH/Operating Hour, DED 215 _____
Unscheduled Maintenance MET, DED 499 _____
Unscheduled Maintenance MMH, DED 499 _____

Table AD
Daily Inspection MET, DED 280 _____
Daily Inspection MMH, DED 280 _____
Preoperative Inspection MET, DED 280 _____
Preoperative Inspection MMH, DED 280 _____
Post Operative Inspection MET, DED 280 _____

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FIGURE 71. Example of DD-Form 1949-1.

LSAR DATA SELECTION SHEET
SECTION 1 GOVERNMENT FURNISHED DATA

Post Operative Inspection MMH, DED 280
Periodic Inspection MET, DED 280
Periodic Inspection MMH, DED 280
Mission Profile Inspection MET, DED 280
Mission Profile Inspection MMH, DED 280
Turnaround Inspection MET, DED 280
Turnaround Inspection MMH, DED 280

Table AE
Available Man Hour, DED 028
Available Quantity, DED 324
Utilization Ratio, DED 503

Table AF
Additional Requirements, DED 009

Table AG
AOR MB, DED 238
Annual Operating Requirement, DED 023
Operational Reqt Indicator, DED 275
Required Operational MTBF, DED 229
Required Technical MTBF, DED 229
Required Operational MTBMA, DED 230
Required Technical MTBMA, DED 230
Required MTBR, DED 235

Table AH
Interoperable Item Name, DED 182
Interoperable Number Type, DED 266
Interoperable CAGE Code, DED 046
Interoperable Reference Number, DED 337
Interoperable Item NIIN, DED 253
Interoperable Item NSN FSC, DED 253
Interoperable Item TM Number, DED 440

FIGURE 71. Example of DD-Form 1949-1.

LSAR DATA SELECTION SHEET
SECTION 1 GOVERNMENT FURNISHED DATA

This information should be filled out by the requiring authority and should pertain to a piece of Support Equipment that is supporting the item under analysis.

Table EA and EB
Support Equipment Cage, DED 046 _____
SE Reference Number, DED 337 _____

Table EA
Acquisition Decision Office, DED 002 _____
Logistics Decision Office, DED 198 _____
Management Plan, DED 216 _____
SMR Code, DED 389 _____
Program Element, DED 301 _____
Program Sup. Inv. Control Pt., DED 303 _____
Revolving Assests, DED 361 _____
Spare Factor, DED 390 _____
Special Management Code, DED 393 _____
SIASC Number, DED 401 _____
SE Shipping Height, DED 419 _____
SE Shipping Length, DED 419 _____
SE Shipping Width, DED 419 _____
SE Shipping Weight, DED 420 _____
Type of Equipment Code, DED 480 _____

Table EB
Allowance Document Number, DED 016 _____
Allowance Range 1, DED 015 _____
Allowance Range 2, DED 015 _____
Allowance Range 3, DED 015 _____
Allowance Range 4, DED 015 _____
Allowance Range 5, DED 015 _____
Allowance Range 6, DED 015 _____
Allowance Range 7, DED 015 _____
Allowance Range 8, DED 015 _____
Allowance Range 9, DED 015 _____
Allowance Range 10, DED 015 _____
Allocation Designation Descr., DED 015 _____
Allocation Extended Range, DED 015 _____
Allocation Land Vessal Code, DED 015 _____
Allocation Manit. Lvl Function, DED 015 _____
Allocation Station ID Code, DED 015 _____

FIGURE 71. Example of DD-Form 1949-1.

LSAR DATA SELECTION SHEET
SECTION 1 GOVERNMENT FURNISHED DATA

This information should be filled out by the requiring authority and should pertain to the item under analysis.

Table UA
UUT LSA Control Number, DED 199 _____
UUT Maintenance Plan Number, DED 209 _____

Table HA
CAGE Code, DED 046 _____
Reference Number, 337 _____
Acquisition Method Code, DED 003 _____
Acquisition Method Suffix Code, DED 004 _____

Table HG and HP
Cage Code, DED 046 _____
Reference Number, DED 337 _____
LSA Control Number, DED 199 _____

Table HG
PCCN, DED 307 K 12345
Provisioning Sys ID Code, DED 312 _____

Table HP
Change Authority Number, DED 043 _____

FAA identifier

LAST FIVE DIGITS OF CONTRACT NO. (THIS CANNOT BE PROVIDED UNTIL GUIDANCE CONF)

FIGURE 71. Example of DD-Form 1949-1.

LSAR DATA SELECTION SHEET — Section 2

Part I DATA ELEMENT TITLE	KEY	DED	CODE	REQUIRED
CROSS FUNCTIONAL REQUIREMENT				
Table XA. *END ITEM ACRONYM CODE*	K	096	EIACODXA	X
END ITEM ACRONYM CODE		202	LCNSTRXA	X
LCN STRUCTURE	G	014	ADDLTMXA	
ADMINISTRATIVE LEAD TIME	G	052	CTDLTMXA	
CONTACT TEAM DELAY TIME	G	055	CONTNOXA	
CONTRACT NUMBER	G	061	CSREORXA	
COST PER REORDER ACTION	G	062	CSPRRQXA	
COST PER REQUISITION	G	077	DEMILCXA	
DEMILITARIZATION COST	G	083	DISCNTXA	
DISCOUNT RATE	G	102	ESSALVXA	
ESTIMATED SALVAGE VALUE	G	160	HLCSPCXA	
HOLDING COST PERCENTAGE	G	166	INTBINXA	
INITIAL BIN COST	G	167	INCATCXA	
INITIAL CATALOGING COST	G	173	INTRATXA	
INTEREST RATE	G	176	INVSTGXA	
INVENTORY STORAGE SPACE COST	G	195	LODFACXA	
LOADING FACTOR	G	271	WSOPLVXA	
OPERATION LEVEL	G	272	OPRLIFXA	
OPERATION LIFE	G	289	--------	
PERSONNEL TURNOVER RATE	G	300	PROFACXA	
PRODUCTIVITY FACTOR	G	333	RCBINCXA	
RECURRING BIN COST	G	334	RCCATCXA	
RECURRING CATALOGING COST	G	359	RESTCRXA	
RETAIL STOCKAGE CRITERIA	G	363	SAFLVLXA	
SAFETY LEVEL	G	421	SECSFCXA	
SUPPORT OF SUPPORT EQUIPMENT COST FACTOR	G	466	TRNCSTXA	
TRANSPORTATION COST	G	478	WSTYAQXA	
TYPE ACQUISITION	G	484	TSSCODXA	
TYPE OF SUPPLY SYSTEM CODE				
Table XB. *LCN INDENTURED ITEM*	K	199	LSACONXB	X
LSA CONTROL NUMBER (LCN)	K	019	ALTLCNXB	X
ALTERNATE LCN CODE	K	203	LCNTYPXB	X
LCN TYPE		200	LCNINDXB	X
LCN INDENTURE CODE		201	LCNAMEXB	
LCN NOMENCLATURE		438	TMFGCDXB	
TM FUNCTIONAL GROUP CODE (MAINT ALLOCATION CHART)		423	SYSIDNXB	X
SYSTEM/END ITEM IDENTIFIER		367	SECITMXB	
SECTIONALIZED ITEM TRANSPORTATION INDICATOR		342	RAMINDXB	
RELIABILITY AVAILABILITY MAINTAINABILITY INDICATOR				
Table XC. *SYSTEM/END ITEM* (SEE ALSO PART II)	G	501	UOCSEIXC	X
USABLE ON CODE		179	ITMDESXC	
SYSTEM/EI ITEM DESIGNATOR CODE	G	307	PCCNUMXC	X
SYSTEM/EI PCCN		467	TRASEIXC	
TRANSPORTATION END ITEM INDICATOR				
Table XD. *SYSTEM/END ITEM SERIAL NUMBER* (SEE ALSO PART II)	K	373	--------	X
SERIAL NUMBER		375	SNUUOCXD	X
SERIAL NUMBER USABLE ON CODE				

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FIGURE 71. Example of DD Form 1949-1 - Continued.

Part I LSAR DATA SELECTION SHEET				Section 2
DATA ELEMENT TITLE	*KEY*	*DED*	*CODE*	*REQUIRED*
Table XE, *LCN TO SERIAL NUMBER USABLE ON CODE*				X
Table XF, *LCN TO SYSTEM/END ITEM USABLE ON CODE*				X
Table XG, *FUNCTIONAL/PHYSICAL LCN MAPPING*				
Table XH, *COMMERCIAL AND GOVERNMENT ENTITY*				
COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE	K	046	CAGECDXH	X
CAGE NAME		047	CANAMEXH	X
CAGE ADDRESS		047	--------	X
Table XI, *TECHNICAL MANUAL CODE AND NUMBER INDEX*				
TECHNICAL MANUAL (TM) CODE	K	437	TMCODEXI	
TM NUMBER	G	440	TMNUMBXI	
OPERATIONS AND MAINTENANCE REQUIREMENTS				
Table AA, *OPERATIONS AND MAINTENANCE REQUIREMENTS*				
END ITEM ACRONYM CODE	F	096	EIACODXA	
LSA CONTROL NUMBER (LCN)	F	199	LSACONXB	
ALTERNATE LCN CODE	F	019	ALTLCNXB	
LCN TYPE	F	203	LCNTYPXB	
SERVICE DESIGNATOR CODE	K	376	SERDESAA	
REQUIRED MAXIMUM TIME TO REPAIR	G	222	MAXTTRAA	
REQUIRED ACHIEVED AVAILABILITY	G	001	ACHAVAAA	
REQUIRED INHERENT AVAILABILITY	G	164	INHAVAAA	
OPERATIONAL MEAN ACTIVE MAINTENANCE DOWNTIME	G	223	OMAMDTAA	
TECHNICAL MEAN ACTIVE MAINTENANCE DOWNTIME	G	223	TMAMDTAA	
REQUIRED OPERATIONAL MEAN TIME TO REPAIR	G	236	OPMTTRAA	
REQUIRED TECHNICAL MEAN TIME TO REPAIR	G	236	TEMTTRAA	
NUMBER OPERATING LOCATIONS	G	262	NUOPLOAA	
CREW SIZE	G	064	CREWSZAA	
TOTAL SYSTEMS SUPPORTED	G	454	TOSYSUAA	
RELIABILITY CENTERED MAINTENANCE LOGIC UTILIZED	G	345	RCMLOGAA	
Table AB, *WAR PEACE OPERATIONS AND MAINTENANCE REQUIREMENT*				
OPERATIONAL REQUIREMENT INDICATOR	K	275	OPRQINAB	
ANNUAL NUMBER OF MISSIONS	G	021	ANNOMIAB	
ANNUAL OPERATING DAYS	G	022	ANOPDAAB	
ANNUAL OPERATING TIME	G	024	ANOPTIAB	
MEAN MISSION DURATION	G	228	MMISDUAB	
REQUIRED OPERATIONAL AVAILABILITY	G	273	OPAVAIAB	
REQUIRED ADMINISTRATIVE AND LOGISTIC DELAY TIME	G	013	OPALDTAB	
REQUIRED STANDBY TIME	G	403	OSTBTIAB	
Table AC, *MAINTENANCE LEVEL REQUIREMENT*				
OPERATIONS AND MAINTENANCE LEVEL CODE	K	277	OMLVLCAC	
MAINTENANCE LEVEL MAXIMUM TIME TO REPAIR	G	222	MLMTTRAC	
NUMBER OF SYSTEMS SUPPORTED	G	265	MLNSSUAC	
MAINTENANCE LEVEL SCHEDULED ANNUAL MAN-HOURS	G	020	MLSAMHAC	
MAINTENANCE LEVEL UNSCHEDULED ANNUAL MAN-HOURS	G	020	MLUAMHAC	
SCHEDULED MAN-HOUR PER OPERATING HOUR	G	215	MLSMHOAC	
UNSCHEDULED MAN-HOUR PER OPERATING HOUR	G	215	MLUMHOAC	

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FIGURE 71. Example of DD Form 1949-1 - Continued.

NOTE

PAGES 3 THROUGH 15 OF PART I, LSAR DATA SELECTION SHEETS ARE NOT APPLICABLE TO AAC-480 PROVISIONING REQUIREMENTS.

TO SAVE PAPER, WE HAVE NOT INCLUDED THESE PAGES. FOR REFERENCE SEE MIL-STD-1388-2B PAGES 581 THROUGH 593.

Part II	LSAR DATA SELECTION SHEET													Section 2
PROVISIONING REQUIREMENTS				LSA 036 CARD BLOCK	REQD	LLTIL	PPL	SFPPL	CBIL	RIL	ISIL	PCL	TTEL	SCPL	DCN	ARA	ARB
DATA ELEMENT TITLE	*KEY*	*DED*	*CODE*														
CROSS FUNCTIONAL REQUIREMENT Table XC, *SYSTEM/END ITEM* (SEE ALSO PART I)																	
SYSTEM/EI PCCN	G	307	PCCNUMXC	A-1	X												
SYSTEM/EI PLISN		309	PLISNOXC	A-2	X												
SYSTEM/EI TYPE OF CHANGE CODE		481	TOCCODXC	A-3	X												
SYSTEM/EI QUANTITY PER ASSEMBLY		316	QTYASYXC	C-32	X												
SYSTEM/EI QUANTITY PER END ITEM		317	QTYPEIXC	C-33	X												
Table XD, *SYSTEM/END ITEM SERIAL NUMBER* (SEE ALSO PART I)				D-44	X												
PACKAGING AND PROVISIONING REQUIREMENT Table HA, *ITEM IDENTIFICATION* (SEE ALSO PART III)																	
CAGE CODE	F	046	CAGECDXH	A-5	X												
REFERENCE NUMBER	K	337	REFNUMHA	A-6	X												
ITEM NAME		182	ITNAMEHA	A-12	X												
ITEM NAME CODE		183	INAMECHA	J-90													
REFERENCE NUMBER CATEGORY CODE		338	REFNCCHA	A-7	X			(FOR DLSC SCREENING)									
REFERENCE NUMBER VARIATION CODE		339	REFNVCHA	A-8	X			〃		〃					〃		
DLSC SCREENING REQUIREMENT CODE		073	DLSCRCHA		X			〃		〃					〃		
DOCUMENT IDENTIFIER CODE		087	DOCIDCHA		X			〃		〃					〃		
ITEM MANAGEMENT CODE		181	ITMMGCHA	E-65													
NSN PREFIX		253	--------	B-15	X												
NATIONAL STOCK NUMBER (NSN)		253	--------	B-15	X												
NSN SUFFIX		253	--------	B-15	X												
UNIT OF ISSUE CONVERSION FACTOR		489	UICONVHA	B-20													
SHELF LIFE		377	SHLIFEHA	A-13	X												
SHELF LIFE ACTION CODE		378	SLACTNHA	A-14													
PROGRAM PARTS SELECTION LIST		302	PPSLSTHA	A-10													
DOCUMENT AVAILABILITY CODE		086	DOCAVCHA	A-9													
PRODUCTION LEAD TIME		299	PRDLDTHA	B-24													
SPECIAL MATERIAL CONTENT CODE		395	SPMACCHA	D-48													
SPECIAL MAINTENANCE ITEM CODE		392	SMAINCHA	D-50													
CRITICALITY CODE		066	CRITCDHA	J-89													
PRECIOUS METAL INDICATOR CODE		293	PMICODHA	B-27													
SPARES ACQ INTEGRATED WITH PRODUCTION		391	SAIPCDHA														
PROVISIONING LIST CATEGORY CODE		308	--------	D-49													
PHYSICAL SECURITY PILFERAGE CODE		291	PHYSECHA	B-26													
ADP EQUIPMENT CODE		027	ADPEQPHA	B-28													
DEMILITARIZATION CODE		076	DEMILIHA	B-23													
ACQUISITION METHOD CODE	G	003	ACQMETHA	E-63													
ACQUISITION METHOD SUFFIX CODE	G	004	AMSUFCHA	E-64	X			(FOR PROPRIETARY ITEMS)									
HAZARDOUS MATERIALS STORAGE COST		156	HMSCOSHA														
HAZARDOUS WASTE DISPOSAL COST		157	HWDCOSHA														
HAZARDOUS WASTE STORAGE COST		158	HWSCOSHA														
CONTRACTOR TECHNICAL INFORMATION CODE		058	CTICODHA	E-62													
UNIT OF MEASURE		491	UNITMSHA	B-16													
UNIT OF ISSUE		488	UNITISHA	B-18	X												

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FIGURE 71. Example of DD Form 1949-1 - Continued.

LSAR DATA SELECTION SHEET — Section 2

Part II

PROVISIONING REQUIREMENTS

DATA ELEMENT TITLE	KEY	DED	CODE	LSA 036 CARD BLOCK	REQD	LLTIL	PPL	SFPPL	CBIL	RIL	ISIL	PCL	TTEL	SCPL	DCN	ARA	ARB
LINE ITEM NUMBER		193	LINNUMHA														
CRITICAL ITEM CODE		065	CRITITHA														
INDUST MATERIALS ANALYSIS OF CAPACITY		163	INDMATHA														
MATERIAL LEADTIME		219	MTLEADHA														
MATERIAL WEIGHT		220	MTLWGTHA														
MATERIAL		218	MATERLHA	M-92													
Table HB. *ADDITIONAL REFERENCE NUMBER*																	
ARN CAGE CODE	F	046	ADCAGEHB	A-5		X											
ADDITIONAL REFERENCE NUMBER	K	006	ADDREFHB	A-6		X											
ARN REFERENCE NUMBER CATEGORY CODE		338	ADRNCCHB	A-7		X											
ARN REFERENCE NUMBER VARIATION CODE		339	ADRNVCHB	A-8		X											
Table HC. *CONTRACTOR TECHNICAL INFORMATION CODE CAGE*																	
CTIC CAGE CODE	F	046	CTCAGEHC														
Table HD. *UNIT OF ISSUE PRICE*																	
UNIT OF ISSUE (UI) PRICE	K	490	UIPRICHD	B-19		X											
UI PRICE LOT QUANTITY		205	--------														
UI PRICE CONCURRENT PRODUCTION CODE		051	CURPRCHD														
UI PRICE TYPE OF PRICE CODE		485	TUIPRCHD			X											
UI PRICE PROVISIONING		314	PROUIPHD														
UI PRICE FISCAL YEAR		145	FISCYRHD														
Table HE. *UNIT OF MEASRUE PRICE*																	
UNIT OF MEASURE (UM) PRICE	K	492	UMPRICHE	B-17													
UM PRICE LOT QUANTITY		205	--------														
UM PRICE CONCURRENT PRODUCTION CODE		051	CURPRCHE														
UM PRICE TYPE OF PRICE CODE		485	TUMPRCHE														
UM PRICE PROVISIONING		314	PROUMPHE														
UM PRICE FISCAL YEAR		145	FISCYRHE														
Table HG. *PART APPLICATION PROVISIONING*																	
END ITEM ACRONYM CODE	F	096	EIACODXA				X										
LSA CONTROL NUMBER (LCN)	F	199	LSACONXB	H-78			X										
ALTERNATE LCN CODE	F	019	ALTLCNXB	H-79			X										
LCN TYPE	F	203	LCNTYPXB				X										
PROV LIST ITEM SEQUENCE NO (PLISN)		309	PLISNOHG	A-2			X										
QUANTITY PER ASSEMBLY		316	QTYASYHG	C-32				X									
OPTION 1	N																
OPTION 2	C																
OPTION 3																	
SUPPRESSION INDICATOR		422	SUPINDHG														
DATA STATUS CODE		070	DATASCHG														
PROVISIONING SYSTEM IDENTIFIER CODE	C	312	PROSICHG					X									
PTD SELECTION CODE		313	--------					X									
TYPE OF CHANGE CODE		481	TOCCODHG	A-3				X									
INDENTURE CODE		162	INDCODHG	A-4													

(FOR DISC SCREENING)

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FIGURE 71. Example of DD Form 1949-1 - Continued.

Part II	LSAR DATA SELECTION SHEET													Section 2
PROVISIONING REQUIREMENTS				LSA 036 CARD BLOCK	REQD	LLTIL	PPL	SFPPL	CBIL	RIL	ISIL	PCL	TTEL	SCPL	DCN	ARA	ARB
DATA ELEMENT TITLE	*KEY*	*DED*	*CODE*														
ATTACHING PART/HARDWARE																	
OPTION 1																	
OPTION 2																	
OPTION 3																	
OPTION 4					X												
INDENTURE FOR KITS																	
OPTION 1																	
OPTION 2																	
OPTION 3																	
QUANTITY PER END ITEM		317	QTYPEIHG	C-33													
OPTION 1					X												
OPTION 2	N																
OPTION 3	C																
PRIOR ITEM PLISN		297	PIPLISHG	C-39													
SAME AS PLISN		364	SAPLISHG	C-38	X												
HARDNESS CRITICAL ITEM		151	HARDCIHG	B-25													
REMAIN IN PLACE INDICATOR		348	REMIPIHG	E-65													
LINE REPLACEABLE UNIT		194	LRUNITHG	J-90													
ITEM CATEGORY CODE		177	ITMCATHG		X												
ESSENTIALITY CODE		100	ESSCODHG	A-11													
SOURCE, MAINT AND RECOVERABILTY CODE		389	SMRCODHG	B-22	X												
MAINTENANCE REPLACEMENT RATE I		211	MRRONEHG	C-34	X												
MAINTENANCE REPLACEMENT RATE II		212	MRRTWOHG	C-35													
OPTION 1																	
OPTION 2																	
MAINTENANCE REPLACEMENT RATE MODIFIER	A	213	MRRMODHG	C-36													
REPLACEMENT TASK DISTRIBUTION		355	--------	E-59													
MINIMUM REPLACEMENT UNIT		245	MINREUHG	D-52													
MAXIMUM ALLOWABLE OPERATING TIME		221	MAOTIMHG	C-40													
MAINTENANCE ACTION CODE		206	MAIACTHG	C-41													
RECOMMENDED INITIAL SYSTEM STOCK BUY		328	RISSBUHG	D-54													
RECOMMENDED MINIMUM SYSTEM STOCK LEVEL		329	RMSSLIHG	D-53													
RECOMMENDED TENDER LOAD LIST QUANTITY	N	331	RTLLQTHG	D-55													
TOTAL QUANTITY RECOMMENDED		453	TOTQTYHG	C-37	X												
MAINTENANCE TASK DISTRIBUTION		214	--------	E-57													
REPAIR CYCLE TIME		350	--------	E-58													
OPTION 1																	
OPTION 2																	
NOT REPAIRABLE THIS STATION	R	261	NORETSHG	C-42													
REPAIR SURVIVAL RATE		351	REPSURHG	D-56													
DESIGNATED REWORK POINT		081	--------	E-60													
WORK UNIT CODE		516	WRKUCDHG	J-86													
ALLOWANCE ITEM CODE		017	ALLOWCHA	D-50													
ALLOWANCE ITEM QUANTITY		018	ALIQTYHA	D-51													
Table HH, *OVERHAUL-KIT NEXT HIGHER ASSEMBLY PLISN*																	
NEXT HIGHER ASSEMBLY (NHA) PLISN	K	258	NHAPLIHH	C-29	X												
NHA PLISN INDICATOR		259	NHAINDHH	C-30													
OVERHAUL REPLACEMENT RATE		281	OVHREPHH	C-31													

(DOWN TO COMPONENT LEVEL)

FIGURE 71. Example of DD Form 1949-1 - Continued.

Part II — LSAR DATA SELECTION SHEET — Section 2

PROVISIONING REQUIREMENTS

DATA ELEMENT TITLE	KEY	DED	CODE	LSA 036 CARD BLOCK	REQD	LLTIL	PPL	SFPPL	CBIL	RIL	ISIL	PCL	TTEL	SCPL	DCN	ARA	ARB
Table HI, *PROVISIONING REMARK*																	
PROVISIONING REMARKS		311	REMARKHI	H-79	X												
Table HJ, *PROVISIONING REFERENCE DESIGNATION*																	
REFERENCE DESIGNATION	K	335	REFDESHJ	D-44													
OPTION 1																	
OPTION 2																	
OPTION 3																	
OPTION 4																	
OPTION 5																	
REFERENCE DESIGNATION CODE	K	336	RDCODEHJ	D-46													
TECHNICAL MANUAL (TM) CODE		437	TMCODEXI														
FIGURE NUMBER		144	FIGNUMHK														
ITEM NUMBER		184	ITEMNOHK														
Table HK, *PARTS MANUAL DESCRIPTION*																	
TECHNICAL MANUAL (TM) CODE	F	437	TMCODEXI	J-80													
FIGURE NUMBER	K	144	FIGNUMHK	J-81													
ITEM NUMBER	K	184	ITEMNOHK	J-82													
TM FUNCTIONAL GROUP CODE		438	TMFGCDHK	J-86													
TM INDENTURE CODE		439	TMINDCHK	J-84													
QUANTITY PER FIGURE		318	QTYFIGHK	J-85													
TM CHANGE NUMBER		436	TMCHGNHK	J-83													
Table HL, *PARTS MANUAL PROVISIONING NOMENCLATURE*																	
PROVISIONING NOMENCLATURE		310	PROVNOHL	K-91													
Table HM, *BASIS OF ISSUE*																	
BASIS OF ISSUE	K	030	--------	J-87													
Table HN, *PROVISIONING SERIAL NUMBER USABLE ON CODE*																	
S/N PROVISIONING SYSTEM/EI LCN	F	199	LCNSEIHN			X											
S/N PROVISIONING SYSTEM/EI ALC	F	019	ALCSEIHN			X											
S/N PROVISIONING SERIAL NUMBER	F	373	--------			X											
Table HO, *PROVISIONING SYSTEM/END ITEM USABLE ON CODE*																	
UOC PROVISIONING SYSTEM/EI LCN	F	199	LCNSEIHO			X											
UOC PROVISIONING SYSTEM/EI ALC	F	019	ALCSEIHO			X											
Table HP, *DESIGN CHANGE INFORMATION*																	
CHANGE AUTHORITY NUMBER	K	043	CANUMBHP	F-66	X												
REPLACED OR SUPERSEDING (R/S) PLISN		353	RSPLISHP	F-70	X												
R/S PLISN INDICATOR		354	RSPINDHP	F-71	X												
INTERCHANGEABILITY CODE		172	INTCHCHP	F-67	X												
TOTAL ITEM CHANGES		452	TOTICHHP	F-69													
OPTION 1																	
OPTION 2																	

(FOR DCN DATA)

FIGURE 71. Example of DD Form 1949-1 - Continued.

Part II — LSAR DATA SELECTION SHEET — Section 2

PROVISIONING REQUIREMENTS				LSA 036 CARD BLOCK	REQD	LLTIL	PPL	SFPPL	CBIL	RIL	ISIL	PCL	TTEL	SCPL	DCN	ARA	ARB
DATA ELEMENT TITLE	*KEY*	*DED*	*CODE*														
QUANTITY SHIPPED		323	QTYSHPHP	F-72													
QUANTITY PROCURED		322	QTYPROHP	F-73													
PRORATED EXHIBIT LINE ITEM NUMBER	R	305	PROELIHP	G-75													
PRORATED QUANTITY	R	306	PROQTYHP	G-76													
Table HQ, *SERIAL NUMBER EFFECTIVITY*																	
SERIAL NUMBER EFFECTIVITY	K	374	--------	F-68	X	(FOR DCN DATA)											
Table HR, *DESIGN CHANGE USABLE ON CODE*				F-74	X	(FOR DCN DATA)											

FIGURE 71. Example of DD Form 1949-1 - Continued.

LSAR DATA SELECTION SHEET — Section 2

Part III DATA ELEMENT TITLE	KEY	DED	CODE	REQ'D	COMMON	SELECTIVE	SPECIAL
PACKAGING AND PROVISIONING REQUIREMENT Table HA, *ITEM IDENTIFICATION* (SEE ALSO PART II)							
UNIT WEIGHT		497	UWEIGHHA				
UNIT SIZE		496	--------				
HAZARDOUS CODE		154	HAZCODHA				
Table HF, *Item Packaging Requirement*							
CAGE CODE	F	046	CAGECDXH				
REFERENCE NUMBER	F	337	REFNUMHA				
DEGREE OF PROTECTION CODE	K	074	DEGPROHF				
UNIT CONTAINER CODE		486	UNICONHF				
UNIT CONTAINER LEVEL		487	UCLEVLHF				
PACKING CODE		283	PKGCODHF				
PACKAGING CATEGORY CODE		282	PACCATHF				
METHOD OF PRESERVATION CODE		239	MEPRESHF				
CLEANING AND DRYING PROCEDURES		045	CDPROCHF				
PRESERVATION MATERIAL CODE		295	PRSMATHF				
WRAPPING MATERIAL		517	WRAPMTHF				
CUSHIONING AND DUNNAGE MATERIAL		067	CUSHMAHF				
CUSHIONING THICKNESS		068	CUSTHIHF				
QUANTITY PER UNIT PACK		321	QTYUPKHF				
INTERMEDIATE CONTAINER CODE		174	INTCONHF				
INTERMEDIATE CONTAINER QUANTITY		175	INCQTYHF				
SPECIAL MARKING CODE		394	SPEMRKHF				
UNIT PACK WEIGHT		495	UNPKWTHF				
UNIT PACK SIZE		494	--------				
UNIT PACK CUBE		493	UNPKCUHF				
OPTIONAL PROCEDURES INDICATOR		279	OPTPRIHF				
SPECIAL PACKAGING INSTRUCTION (SPI)		396	SPINUMHF				
SPI NUMBER REVISION		397	SPIREVHF				
SPI NUMBER JULIAN DATE		187	SPDATEHF				
CONTAINER NATIONAL STOCK NUMBER		253	CONNSNHF				
SUPPLEMENTAL PACKAGING DATA		409	SUPPKDHF				
PACKAGING DATA PREPARER CAGE		046	PKCAGEHF				

FIGURE 69. Example of DD Form 1949-1 - Continued.